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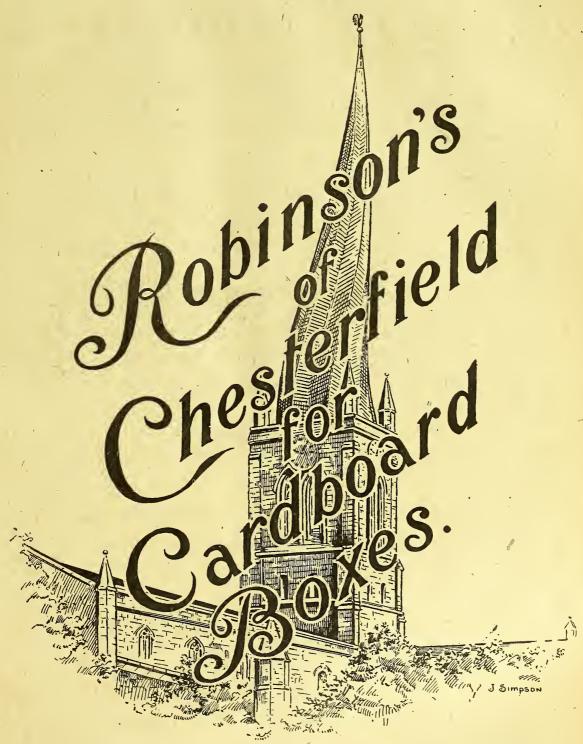
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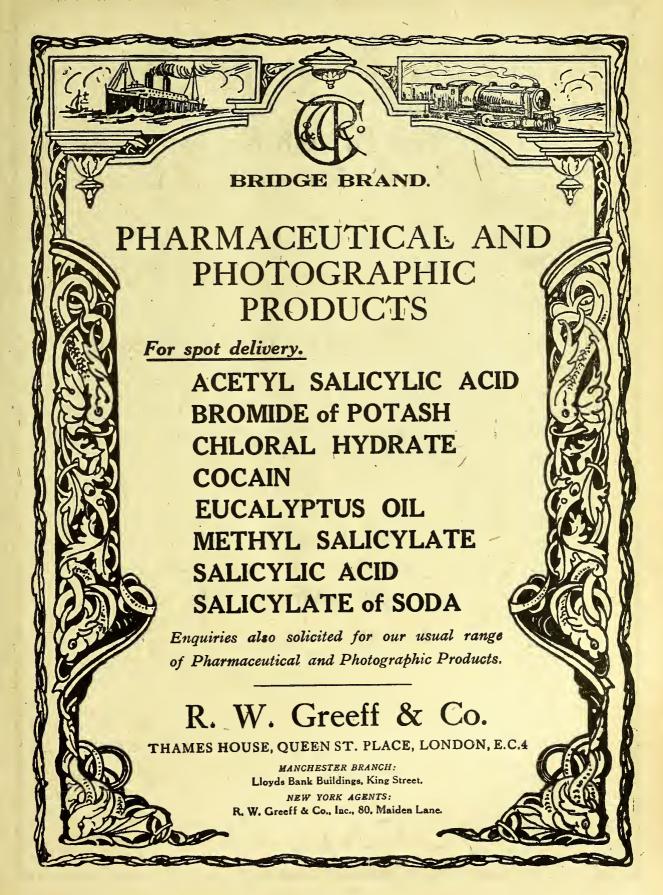
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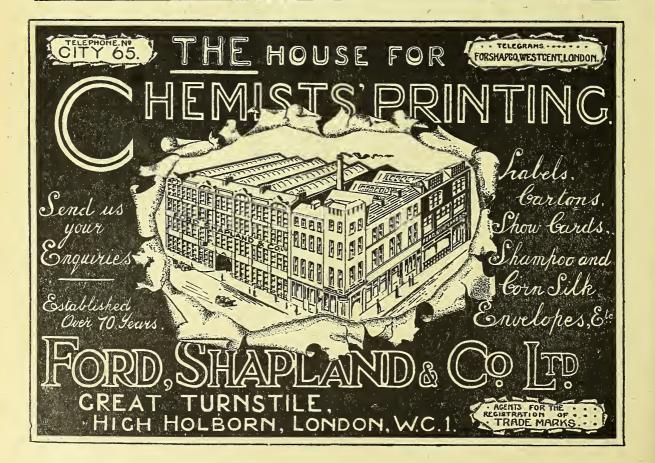
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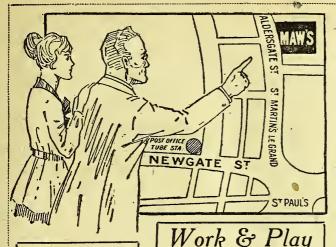
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N HOUR THE HOUSE — THE HOUSE OF MAW-WILL MAKE YOUR VISIT TO THE CONFERENCE COMPLETE.

By arrangement with the London General Omnibus Company we are enabled to publish the following list of 'bus services to St. Paul's—five minutes from the House of Maw:

**SERVICES** 4, 6, 7, 7A, 8, 9, 11, 13, 13A, 15, 17, 18, 18A, 22, 23, 25, 96.

Nearest Tube Station: Post Office.

### Items:

6/8 each is the price of our 'Vel-fin' Vaginal Syringe— and good value, too! Best black rubber throughout, each in box.

We can supply 12 Nurses' Dressing Scissors, mounted on attractive card, for 14/-.

Carbolic (Pink), White Carbolic, Smokers', and Oxygen, constitute our four famous Tooth Powders. In tins, 5/3 dozen. Superb dentifrices!

'I SHALL drop in and see you during my stay in London for the Conference.

It was some time ago that we had this assurance from a customer.

'I always look forward to my visit to Town,' he continued. There was a reminiscent twinkle in his eyes. There is something his eyes. about the Metropolis-its untiring energy, its vastness-that is inspir-Look at t e miles of streets, lined with warehouses and offices owned by the most influent al firms in the world. Talk about the romance of commerce! There is always a distinctive atmosphere of prosperity about London-I say it in no disparagement of other great cities-and in addition a perpetual air of cheerfulness that runs like a vein of sunshine throughout most business transactions.'

We liked that pat on the back for London. We are confident that we have contributed our quota of satisfaction that so delights our amiable friend.

During the Conference we shall look out for our cheery customer, or, we should say customers-we enjoy the acquaintance of quite a number of optimists in the profession.

They will want to know 'What is worth seeing in Town?' Alas! it is difficult to give advice. London is the Mecca of the student and the genius, the connoisseur and the pleasure-seeker. Its libraries and museums and galleries provide a wealth of information for the serious man. Theatres? The West End offers a wide variety of farce and drama, from the gorgeous pageantry of 'Chu Chin Chow' to the homely pathos and comedy of 'The Law Divine.'

Above all, don't forget that longpromised visit to the House of

Maw. We have many things to show you.



# 19 4.1919

CONFERENCE ISSUE

THE following offers are typical of Maw's Quality opportunities selected from our Showroom Display:

### SPRAYS AND SYRINGES

ALL-GLASS SPRAY. For Throat and Nose. Perfect for all aqueous

solutions. Strong rubber bulb. Each in box, 3/6 ea. THE RECORD HYPODERMIC SYRINGE Glass barrel fitted with nickel-plated mounts and solid metal piston. Each in case complete with 2

needles. English made throughout. Price each: 20 mm. 9/5 ... 2 cc. ... 11/6 10 cc. ... 16/6 1 cc. 9/6 ... 5 cc. ... 12/6 20 cc. ... 21/Record Needles, 8/6 dozen.

SHOULDER BRACES FOR MEN Made of splendid quality elastic webbing, strong metal buckles and leather loops. 5/9 each.

### 'BEAUFORT' SUSPENSORY

The popular bandage. Put up in box attractively labelled: Cotton.

Medium, 20/- dozen. Medium, 39/- dozen. 24/- " Large, Large, 48/- ,,

### DROP BOTTLES: SPECIAL

We can now supply these in white glass. Strong grooved stopper: (Fig 1285A/S) 15 cc., 8/6 ... 30 cc., 8/6 ... 60 cc., 11/- dozen

### 'EUGENIC' MILK STERILIZER

Foremost in the pure milk campaign. 6 bottles, 18/- each; 10 bottles, 26/- each. Come and see it demonstrated.

### No. 11. EAU-DE-COLOGNE

SPECIAL CONFERENCE WEEK-DISPLAY 0F'PAREX' PREPARATIONS IN OUR

SHOW ROOMS.

This, the most favourite of all Perfumes - "No. 11" brand becoming more popular every day. It is excellently put up in every way. Prices are as follows: (REPUTED)

37/3 4-oz, size Wicker ½-pint size ... 60/-1-pint ,, ... 115/-

### RED RUBBER SPONGES

We have just received a large consignment of oval-

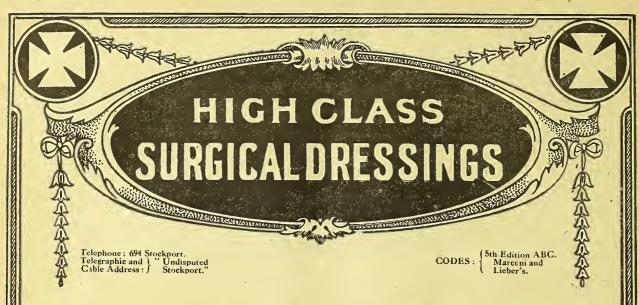
shape red rubber. Sponges. They are of unusual value, and we offer them at the following range of prices:

9/- to 60/dozen.



### EASTER HOLIDAYS.

The House of Maw will be closed from Thursday evening, April 17, until Tuesday morning, April 22.



### DISTINCTION!

- YOU know how essential it is that the dressing of your window should catch the eye.
- COLOUR plays an important part, and if you have your goods attractively labelled custom is sure to come.
- SHOULD you not have seen the splendid series of Labels we use for our Standardised Surgical Dressings, you must write at once for specimens.
- YOU will be agreeably surprised, and at a glance will see how well they lend themselves to an effective window display.
- FIRST ask for Samples, and then let us know how we can help.

London Orders to CRAVEN HOUSE, KINGSWAY, W.C. Telephone: No. 6867 GERRARD.

ROBERT BAILEY & SON,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.

CABLES UNDISPUTED, STOCKPORT, CODE A.B.C 5TH EDITION.



# USE COLLOIDAL DRUGS

CROOKES'

All clinical reports confirm the superiority of Colloidal over molecular solutions.



are Colloidal Drugs, adopted by the medical profession and hospitals.

### SPECIAL COLLOIDS.

### COLLOSOL ARGENTUM.

A non-toxic antiseptic, for all purposes, by tropical application. Indicated in affections of the Throat, Ear, Nose and Eye—especially in Influenza. Also by internal administration, in diarrhea and intestinal disorders.

### COLLOSOL SULPHUR BATHS.

Indicated in Rheumatism and skin affections. (See "British Medical Journal," 12th May, 1917.) These baths are more potent than any natural sulphur waters, contain no impurities, no free sulphuretted hydrogen, and do not injure the home bath.

### COLLOSOL IODINE.

(1) Aqueous. (2) Pasta. (3) Oil. (4) Ointment. Stainless and Non-irritant. Never causes iodism. Specially recommended by the Medical Profession, avoiding the disadvantages of Tincture of Iodine, and of Potassium Iodide.

### COLLOSOL FERROMALT.

An ideal food-tonic, containing the best principles of meat and malt, in combination with colloidal iron, in which form alone iron is perfectly assimilable and avoids constipation and digestive troubles.

### COLLOSOL SULPHUR OIL.

Specially prescribed for disorders of the scalp and loss of hair.

### DOUSHOL.

An entirely non-toxic and non-corrosive colloidal douche, which, unlike the powerful intra-uterine douches, increases epithelial activity. Antiseptic, pleasant in odour, and may be used ad libitum.

### COLLOSOL SUPPOSITORIES and PESSARIES.

Specially indicated in piles and leucorrhœa.

Also Suppositories and Pessaries of Cocaine and Quinine for special purposes.

### PRICES FULLY PROTECTED.

Profit to Chemists 333% on outlay, or 25% on returns.

SEND FOR PARTICULARS AND LITERATURE.

COLLOSOLS are prepared for the Proprietors, Crookes' Collosols Ltd., at

### THE CROOKES' LABORATORIES,

50 Elgin Crescent, LONDON, W. 11.

# Side Line for Chemists.

# STATIONERY

You will benefit by writing for particulars of our "Appro." scheme.

# Stationery for Chemists only

Daintily designed Cabinets, Writing Pads, Compendiums, combining Note Paper, Envelopes, Blotting.

Easily and Quickly Served.

33°/<sub>o</sub> PROFIT

Attractive on Counter.

Your chief competitors sell Stationery. Why not share the advantage?

### J. R. LOCKWOOD & Co.

168 St. John St., London, E.C.

Wholesale and Manufacturing Stationers, Prescription and Account Book Makers, Chemists' Demys, Toilet Rolls and Wrapping Paper Merchants:

LABEL PRINTERS.

# LLOYDS BANK



MILD

with which is amalgamated

THE CAPITAL & COUNTIES BANK, LTD.

HEAD OFFICE: 71, LOMBARD ST., E.C. 3.

Capital Subscribed - £55,962,850
Capital Paid up - 8,954,056
Reserve Fund - 9,000,000
Deposits, &c. - 267,966,438
Advances, &c. - 81,072,134

FRENCH AUXILIARY:
LLOYDS BANK (FRANCE) AND
NATIONAL PROVINCIAL BANK (FRANCE) LIMITED.

# PURE CHEMICALS for PHOTOGRAPHY

AMIDOL . . . 1-lb. tin 21/-, 7 @ 20/6
HYDROKINONE . lb. pcls. 16/6 ,, 16/4
PARAMIDOPHENOL 1-lb. tin 17/6 ,, 17/3
PYROGALLIC . Cryst. ,, 15/- ,, 14/9
Resub. ,, 18/- ,, 17/9

Acid Citric, Alum, Ammon. Bromide, Ammon. Sulphocyanide, Ferr. Ammon. Cit., Pot. Bromide, Pot. Ferricyanide, Pot. Citrate, Pot. Metabisulph., Pot. Oxalate, Soda Bromide, Soda Carb., Soda Hypo., Soda Sulphide, Soda Sulphite, etc. etc.

At low prices. Packed in bulk or bottles

CHAS. ZIMMERMANN & CO. (Photographic) LTD.

13 BARTLETT'S BUILDINGS, LONDON, E.C. 4

Monthly List mailed on request.

# The odour Beautiful!



### Ayrton's English Iris

is the latest addition to our popular Half-crown series of Perfumes.

The colour scheme is a study in green tones, and contrasts well with the plaid of Scotch Heather, the rich purple of Royal Orchid, and the self-colour of Sweet Violet.

"The odour beautiful" is an accurate description of the Perfume. It is a delightful floral bouquet that will appeal to the refined sense.

DISTINCTIVE SHOWCARDS TO MATCH EACH LINE UPON REQUEST.

Ayrton's English Iris

Sweet Violet
Scotch Heather

,, Royal Orchid

Retail:

2/6 per Bottle

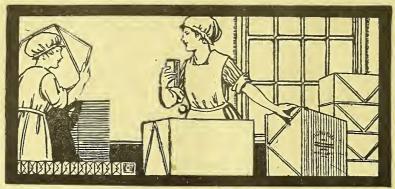
Wholesale:

18/6 per dozen

Order your **Perfumes** 

with your
Drugs, Sundries
Packed Goods
and Tablets!





THIS CASE FILLED - READY FOR ANOTHER!
WITHIN A FEW MINUTES ONE OF OUR

### COLLAPSIBLE FIBRE-BOARD BOXES

BOXES
can be assembled, packed, and ready for consignment.

These improved cases are perfectly simple in construction—they are assembled as they are needed, very quickly and easily.

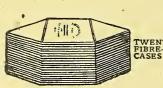
Delivered packed flat—a great saving of floor space to manufacturers.

The adoption of our Fibre-Board Boxes reduces your freightage bill almost one-half, for they are lighter than wood boxes but equally as strong.

Wê have no stock sizes and no stock shape—the size you want is the size we make for you. We invite your inquiry.

### The GLOBE BOX Co.,

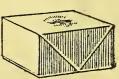
Proprietors: Cartwright & Rattray, Ltd. Boston Mills, HYDE.



TWENTY FIBRE-BOARD CASES



ONE FIBRE-BOARD CASE



# "PEARLITE"

PATENT IMPREGNATED

### CARDBOARD BOXES

LIGHT, STRONG, RIGID, AIRPROOF & DAMPPROOF.

Pastilles, Gums, Seidlitz Powders, Toilet Requisites, etc. etc., being quite as effective as bottles or tins. As compared with tins they show a great saving in price, and as against bottles there is a great saving both in price and carriage, and in cleaning and clerical work in connection with the returns. A gummed band placed round the lid of the box makes it absolutely air and damp proof.

The following is an extract from an unsolicited letter from the Civil Service Co-operative Society of New South Wales, Sydney, which confirms many tests we have ourselves made, both for home and foreign trade:

"Some Manhu diabetic biscuits came to us packed in these ('Pearlite') boxes, and we had not a single complaint regarding their keeping fresh, so that you can have every confidence in recommending them ('Pearlite' Boxes) to exporters as a safe package."

(Signed) W. VINCENT, Manager.

Goods packed in these boxes are made doubly attractive, and commend themselves by their elegant and hygienic encasement. Manufacturers and distributors appreciate "Pearlite" Boxes owing to their lightness and rigidity, and the fact that they preserve the contents from adverse climatic conditions.

We print your own Designs on the Boxes if required.

Send us particulars of size, etc., and we will make Sample Boxes to your requirements, and post, with quotations, within three days.

### The Pearlite Box Company (1918) Ltd.

63 WALLIS ROAD,

VICTORIA PARK, LONDON, E. 9.

Managing Directors: T. GEDDES and E. W. SPEARS.



# HAWLEY'S I. K.

P.A.T.A. 4d., 8d., 1/3, 2/8 2/8, 5/4, 10/-, 36/- doz.

The effective Insect Killer

HAWLEY'S I. K. is advertised in the leading newspapers, journals and magazines of the British Isles, and on railways and tramcars. Order now and prepare for the public demand.

For an order of 12 dozen assorted and a window display we give a bonus of 1 dozen free. For a £5 order we give, in addition, a discount of 5%. These exceptional terms give a profit to the retailer of 71% on cost.

Evans Sons Lescher & Webb Ltd. Liverpool. New York. London.



"SUSAN"

### Special 4-Week Bonus Offer APRIL 12 to MAY 10.

'Preparations of which the Muller Nutrient is a very good example may legitimately be described as 'Nature Remedies.' These will no doubt have an important place in therapeutics, and hold out much hope and promise in the future of medical practice."-THE MEDICAL TIMES, August 18, 1917.



Exact Size and Facsimile of Package.

P.A.T.A

Face Price.

Announcement by the Muller Laboratories, Ltd., Scientific Food Specialists, Controllers of the Muller Nerve Nutrient:

Any Pharmacist who sends us an order for one dozen Muller Nutrient, 3/- size, between the dates April 12 to May 10,

will receive the following special terms—

1 doz. Muller Nutrient (Face Value 3/-) ... ... 6 0 Trade Discount 10 Cash Discount

And a Special Four-Week Advertising Bonus of 3 boxes (@ 3/- each) which reduces the actual cost to 19/6.

The Muller excellence. Nutrient is well advertised, and is a Standard Nerve Nutrient of the highest quality and therapeutic lt is an invaluable preparation for Nerve Sufferers, especially Mental Workers who use it and come back for more at intervals; and it carries with it an unusual proportion of Repeat Business.

The only Nerve Food in solid form that can be eaten and masticated like ordinary food.

OF STEADY REPEAT BUSINESS

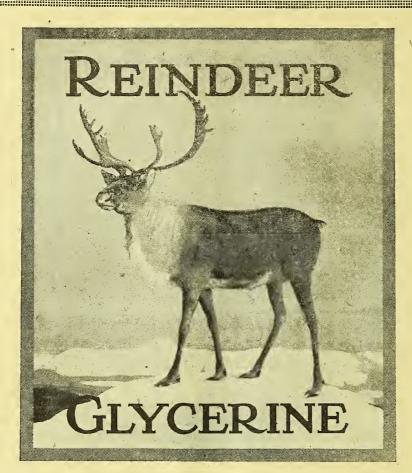
### THE MULLER LABORATORIES, LTD.

Scientific Food Specialists,

144 Albany Street, LONDON, N.W.

### Bonus Direct Cash Order.

THE MULLER LABORATORIES, LTD., Scientific Food Specialists, 144 Albany St., N.W. Please send me, carriage paid, with showcards, I doz. 3/- Muller Nutrient. and 3 Bonus boxes. I enclose remittance, and will make a display in return for your concession. Name .



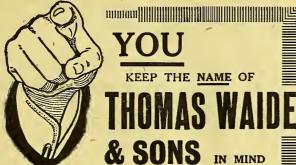
We would be honoured by your request for sample of Reindeer Chemically Pure Glycerine and particulars of our service.

CHRISTR. THOMAS & BROS., LTD

Distillers of Reindeer Glycerine

BROAD PLAIN, BRISTOL

Established 1745



KEEP THE NAME OF

# IN MIND

FOR YOUR NEXT ORDER FOR

Labels, Cartons, : or Circulars :

FIRST - CLASS **PRODUCTIONS** AT REASONABLE RATES.

FULL SET of SAMPLES to Colonies for 10/6, which amount we credit on order £10 and upwards

HINITERINA DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DE LA COMPANIO DEL COMPANIO DEL COMPANIO DEL COMPANIO DE LA COMPANIO DE LA COMPANIO DEL COMPANION DEL COMPANION DEL COMPANIO DEL COMPANION DELA COMPANION DEL COMPANION DEL COMPANION DEL COMPANION DEL COMPANI KIRKSTALL ROAD, LEEDS.

# DRAW MORE TRADE An attractive shopfront enables you to display your goods to better advantage and so more easily catch the eye of the passer-by. A new shopfront is not an out-of-pocket expense—it is a permanent advertisement that remains the same all the year round to render you the best return possible for your money invested. Think it over. We will gladly keep any appointment you make to discuss the matter with you. HASKINS SHOPFITTERS 20-34 Old St., London, E.C. 1. Telephone: City 2985 (4 lines) Telegrams: Curvilinear, Barb, London." Issued by Saml. Haskins & Bros., Ltd.

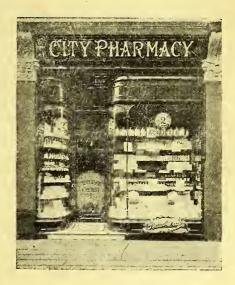
# PARNAI.

AND SONS

Established over 100 Years.

## Shop Front

Send a P.C. and an Expert will call and help you!



Examples of our work can be seen in every large town in Great Britain.

### Show

**Makers** 

128 Branches now Open

### **ULES LANG & SON** Sole Proprietor i FERNAND RENE LANG



We are making Lamp-blown Glassware, such as Ampoules, Hypodermic Tubes, &c., in England. Let us have your inquiries. You will find our prices competitive and our deliveries smart. Besides, we also have varied stocks of Glass Bottles.

Send us your inquiries and ash for our Stock List.



Telegs.: "Assorted, Phone, London." Telep.: North 2770 (3 lines). - ISLINGTON, LONDON, N.1. Charlton Works, Charlton Place -

### ELSWAL Composite Canisters or Food Containers

Be prepared for the future and get i to touch with us at once. Earthenware and glass jars are almost unprocurable now, but shortly they will be impossible to obtain at anything like the price of Composite Canisters, owing to the increase in the cost of coal. We can fill your demands, and by doing so help to more than compensate for the increase in fuel, gas, electricity, etc., and all your works expenses.

Our Canisters have the following indispensable advantages:

1. They abolish bottle-washing plants.

1 doz. earth

- 1. They adous 2. More hygienic.
- Save paper and string for packing
   Less bulky.
   Lighter than other packages.

1 doz. earthenware jars weigh 17 lb, to 18 lb,; 1 doz. 2-lb Elswal Canisters weigh 2\frac{1}{4} lb.

Write for particulars. Your inquiries are solicited.

Manufacturers of Food Continers, Tin Boxes, Travelling Equipment, Office Appliances





EELES, WALKER & CO., LTD., THE CRESCENT, BIRMINGHAM.

Telegrams: "ELSWAL." Telephone Nos.: Central 5324 & 5. LONDON AGENTS: Mussared & Upcott. 112/3 Fore Street, E.C. 2. IRELAND.—S. H. Moore, 20 Victoria Street, Belfast.

### ZEAL'S REGISTERED

The "REPELLO"

Requires no shaking down.

. Guaranteed Accurate.

Selling Lines for Chemists



### NEW IMPROVED LENS FINDER

The only Easy Reading Magnifying Clinical Thermometer on the Market.

OUT OF FOCUS.

The square mark engraved on lens front locates the Mercury column immediately. SPECIAL AWARD AND GOLD MEDAL, NEW ZEALAND. 1907. SILVER MEDAL, INDIA, 1909. SILVER MEDAL, LONDON, 1913.

G. H. ZEAL, 82 Turnmill St., LONDON. E.C.

Wholesale Manufacturer of

### CLINICAL THERMOMETERS.

CONTRACTOR TO H.M. GOVERNMENT.

Established 1888.

Telephone No.: 12438 Central.

### Grasshopper and pills

Protected at Face Value by P.A.T.A.

These remedies have been before the public for upwards of fifty years, and ARE STOCKED by all the leading WHOLE-SALE HOUSES throughout England and the Colonies.

During the last three years our expenditure in ADVER-TISING has been TREBLED.
Our turnover has also TREBLED, and MAIL ORDERS have multiplied TENFOLD.

MAIL ORDERS we do not desire, they entail additional labour

without extra profit, and indicate that our goods are not stocked by the RETAIL CHEMIST, sales thus being undoubtedly lost. To obviate this, if YOU WILL stock our goods WE WILL indemnify you AGAINST LOSS by accepting returns direct at our warehouse and PAYING for same by return post at invoice price PLUS cost of postage or carriage.

ALBERT & CO. 73 Farringdon Street, LONDON, E.C. 4

### DISPENSING BOTTLES & PHIALS.

Lowest Market

Charged.

CLEAR BLUE TINTED, plain or graduated.

3 and 4 ounce.
6 and 8 ounce.
12 ounce.
WHITE PHIALS, plain or teaspoons.
1 ounce.
1 ounce.
1 ounce.

tounce.

2

BLUE LOTION BOTTLES, all sizes.

Onelity. No advance in price gross. in 6 CORKS. Superior Quality. No advance in price.

6 and 8 ounce ... 1s. per gross, in 6 gross bags.
Vials ... 10d. per gross, in 3 gross bags. Delivered free within 7 miles, and to certain stations. Particulars en application.

I. ISAACS & CO., Glass Bottle Manufacturers,

106 Midland Road, St. Pancras, London, N.W. 1, or ISLINGTON BOTTLE COMPANY,

New Inn Yard, Tottenham Court Road, London, W. L. Orders sent to either establishment have attention.

Established 100 Years.

Bankers: London County and Westminster Bank, Bloomsbury Branck.

### VEN-YUSA PREPARATIONS

# Special Window Show Offer

YOU purchase an assorted Parcel of Ven-Yusa			
Cream, Soap, and Shampoo Powders value	£2	10	0
WE allow you for Showing Cards	0	5	9
Nett Credit Terms	£2	4	3
IF CASH ENCLOSED deduct 2½%	0	1	3
Nett amount to send	£2	3	0

### Your Profit on the Investment will be 50%

Larger Orders are accepted on pro-rata terms, 2½% extra allowed on orders of 12 times above quantities, if cash with order.

### MINIMUM PRICES FACE VALUE.

### ORDER FORM.

To Messrs. C. E. FULFORD, LTD., Carlton Hill, Leeds.

			Date.					
Dear Sirs,—Pl	ease sup	ply on Wir	idow Shov	v Terms		£	s.	d.
GrossDoz.	1/- Size	Ven-Yusa	Cream	@	9/3 doz.			
GrossDoz.	6d. "	,,	Soap	@	4/6 ,,			
GrossDoz.	1/6 "	<b>\)</b>	Shampoo . (7 3d. S	Pdrs. @ Shampoos in p	13/6 ,, pkt.)			
GrossDoz.	3d. pkts	<b>?</b> ;	Shampoo (6 doz.	Pdrs. 22/- Cartons only	gross y.)	_		
Remittance enc	losed £	: :				£		
Name and Address			,					

### MINIMUM PRICES FACE VALUE.

NOTE.—If Cash does not accompany Order, references should be given for New A/cs.

Credit Terms are Strictly Nett, 30 days.

### DODGE & OLCOTT CO.,

THE "D & O" BRAND

20 MARK LANE, LONDON, E.C.



is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.

BALSAMS of Copaiba, Peru, Tolu. TONKA BEANS, Angosturas.

"EGDARF, FEN, LONDON."

CITY 2468.

For Delicate Skins.

# Eudermine Cream at 2/6 per bottle. Eudermine Face Powder

at 2/6 per box.

Obtainable at all Chemists and Stores.

Manufacturers :

EUDERMINE CO. LTD., 79 Coleman Street, London, E.C. 2

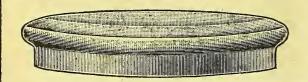
# Hindes HAIR

For GREY OR FADED HAIR.

Regd. Title - "SEEGEROL."

HINDES, Ltd., 1 Tabernacle St., City, London, E.C. 2

Patentees & Manufacturers of the World-famous Hindes' Wavers.



### CELLULOID CAPS

for Pots and Bottles. F. W. DUROSE,

45 Queen Street, SMETHWICK, BIRMINGHAM.
Telegrams: "Durose Smethwick."

### THE MALVA MANUFACTURING CO.

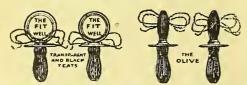
HIGH STREET, WANDSWORTH, S.W.18

Sole Proprietors of the "STEDOTIN" GREASEPROOF BOXES.

Specialities: Card Boxes so treated as to render them impervious to Grease, Ointments, Vaseline, Boot Polish, &c.

All Communications to be addressed to 300 BOROUGH HIGH STREET. LONDON, S.E.1

### THE LONDON "FIT WELL" BABY COMFORTER



WHOLESALE & EXPORT ONLY. SHIPPERS SUPPLIED.

Manufactured by EPHRAIM WOOLF, 30 PRIORY AVENUE, WALTHAMSTOW.

Works: -633 FOREST ROAD, WALTHAMSTOW, LONDON.

Please Write for Sambles. Post Free.

Please Write for Samples, Post Free. \\
RUBBER TEATS, BONE SHIELDS, Etc., SUPPLIED SEPARATELY.

### Viuda de José Solernon

Diputacion 164, Barcelona, Spain.

AGENCY & REPRESENTATIVE HOUSE. ESTABLISHED IN 1875: Memler of the British Chamber of Commerce at Barcelona.

ACENCIES WANTED FOR COOD-CLASS CHEMICAL AND PHARMACEUTICAL SPECIALITIES.

### We Develop Films and post back Next Day " & Print " " " " in Two Days

Plates, Flat or Roll Films, developed, printed, enlarged, retouched, etc. We lay our works out to supply Pharmacists with good work at reasonable prices, with quick dispatch, Price List on application. Monthly accounts without fuss.

ARTHUR J. C. LEWIS, The Chemists' Photographic Printers,



Look for the Name and Trade Mark.

### ANTISEPTIC BABY POWDER

Johnson & Johnson.

We wish to warn our Customers, so that they may be on their guard, that our package is being imitated. This step, which is so easy, is an undignified and shabby attempt to rob us of our goodwill.

The contents cannot be imitated, and the Trade Mark cannot be imitated; and we would ask those Customers who have

handled this preparation for a quarter of a century, with every satisfaction to themselves and to their clients, to resent this method of copying other firms' productions by insisting on having the original package bearing the registered Trade Mark, which is the guarantee of quality.

> JOHN TIMPSON & CO., Ltd., 104 Golden Lane, LONDON, E.C.

# BRUSHE

Having just received large consignments of the above (bought on favourable terms), we now offer these goods at the very low prices quoted below. These prices only apply until stocks are cleared.

### NAIL BRUSHES.

Polished wood, curved back,  $4\frac{3}{4}" \times 1\frac{3}{8}"$  fibre, 7 rows ..., hollow back,  $4\frac{3}{4}" \times 1\frac{1}{2}"$  bristle and fibre, 8 rows assorted, equal quantities of each per doz. 8/6

### TOOTH BRUSHES.

Bone handles Assortment Four rows ... per doz. Special line, 4 rows, waxed back, per doz. 8/6.

### SHAVING BRUSHES.

per doz. 18/-Bone handles, hog hair ... imitation badger ... 24/-

### HAIR BRUSHES.

per doz. 33/-Satinwood back, whalebone, 8 rows

5% discount allowed for prompt cash off above prices.

MONEY BACK IF NOT SATISFIED. OUR GOODS ARE RIGHT.

### BURGE, WARREN & RIDGLEY, LTD.

91 & 92 Great Saffron Hill, LONDON, E.C.1.



### These Press announcements are telling of Movol's magic power

Thousands of ladies-some of them are your customers—are reading these advertisements and learning of Movol's magic power over linen stains. They're sure to buy because this "household magician" cuts down the new linen bill by making ugly stains disappear. They will come to you for Movol for they are being told that it is sold by Chemists everywhere. Here's a quick seller with a liberal profit. Have you got your stock ready?

Mail a postcard now if you haven't, for trial stock and display material to-

### W. EDGE & SONS, Ltd., Bolton.

(The Drummer Dye people).



### REMOVER

Removes Ironmould, Rust, Fruit and lnk Stains from Clothing, Marble, &c.

Completely supersedes the customary greasy Toilet Creams. Is most pleasant in use and commands ready sales. Attractively produced In elegant large jars.

possessed of the elusive fragrance of Diadem Cream, adheres readily to the skin. Made in Blanche, Naturelle, Rachel, Rose and Sunburn tints. Packed in large artistic boxes, in the distinctive Robartes' style and colouring A sure seller.

ECOLTENE The intelligent depilatory Simple the hand harremover safe, effective, and harmless. Can be used while performing the toilet Daintily packed.



Gives an undetectable and natural colour to the cheeks. Far more convenient in use than the existing dry rouges Easily removable whenever desired. In dainty jars.

# **VANISHING CREAM**

A cream of rare purity and charm, put up in novel white globes which have an irresistible appeal and packed in dainty boxes in Robartes' attractive style. Handsome profits for you in selling.



An attractive line that enjoys good sales A greaseless cream that takes all odour out of perspiration. Decodorane Packed in attractive jars.

### Trade Terms.

	ζ 🖷		_	0.11.00		
	,			P.AT.A.	Trade	per doz.
Diadem F	ace Pow	der .		2/6		20/-
,, С	omplexio	n Wax .		2/6		20/-
	rème' Ro			2/6		20/-
,, ¥	anishing	Cream.		3/9		30/-
Decoltene	Depilate	orv .		3/9	,	30/-
Dinkie De				2/6		20/-

### Notice.

Artistic Showcards and Counter Matter free on request. Robartes, Ltd. Preparations are obtainable from all leading wholesale houses.

Eargely advertised in all the leading dailies, weeklies and monthlies.

Further particulars and descriptive booklet forwarded on request.

ROBARTES, LTD., Dyer's Buildings, Holborn Bars, London, E.C. 1 Phone Number: Holborn 5692.

# SAM! LAMBERT & CO..

14 MINCING LANE, LONDON, E.C.

Importers and Exporters.

First hands for all

Estd. 1870.

## CRUDE DRUGS &

A few Specialities:

ARABIC GUMS, CASCARA SAGRADA, ERGOT, CITRIC ACID, COD LIVER OIL, CREAM OF TARTAR, GLYCERIN, HONEYS, MESSINA ESSENCES, OLIVE OIL, PEPPERMINT OIL, QUININE, QUICK-SILVER, RHUBARB, SARSAPARILLA, SHELLAC, TURPENTINE.

Sole Agents for :

Oils: Lemon, Bergamot, Orange; Terpeneless Oils: Lemon, Bergamot, Orange.—Fratellide Pasquale & Co., Messine. Bay Rum and Bay Oil.—Bornn, St. Thomas. Essential Oils, Drugs, Chemicals, &c.—National Aniline & Chemical Co., New York.

### LOFTHOUSE & SALTMER, Ltd.

Wholesale and Export Drug Merchants, - Manufacturing Chemists

### HULL.

NVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

> P.A.T.A. Protected Retail Price. Dozen Net

\*LOSALL'S SALT (well advertised), tins 9d. 6/6

13/-,, 1/6 ,, bottles in } 2/-16/-

\*Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

COMPOUND SULPHUR SOAP. LOSALL'S

> Box. Doz.

A valuable emollient medicated skin soap, 18/especially suitable for use in Eczema.

3 Tablets in a box for 8d.

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for Chapped Hands and Tender Feet.



The Line that SELLS!

Retail Price - 2d. Wholesale 12/- per gross.

### Softo" Shampoo Powders Retail Price 2d. (7 for 1/-).

Wholesale 9/6 per gross.

### "SOFTO" FACE POWDER

Three tints-White, Pink and Cream. Retail  $6\frac{1}{2}$ d.

Wholesale: I dozen, 4/6; 3 dozen, 12/-I gross (with 4 dozen bonus) 50/-Net. Carriage Paid.

### SOFTO MANUFACTURING CO.

33 Edgware Road, London, W. 2.

හු 33 Edgware Road, London, w. 2. හු සුව ලසුලපුලපුලපුලපුලපුලපුලපුලපුලපුලපුලපුලපු

# Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all **Pharmaceutical** Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD. LIVERPOOL MANCHESTER

# Salvo Petroleum Jelly the perfection of Petroleum Jelly in qualities, white, lemon, yellow and golden, for pharmaceutical purposes. MANUFACTURED SOLELY BY The Dee Oil Company, Ltd. Delta Works . Bootle . Liverpool. Packed in barrels, kegs and smaller packages according to requirements. Inquiries are solicited for this article of BRITISH MANUFACTURE, and buyers may rely that for quality and price it will meet any competition Other Grades Petroleum Jellies, White Bases, &c. Samples and prices on application. "OLEUM DEELINÆ," a certain cure for Eczema. Phone: 186 Bootle. Wires: "Cestrian Liverpool,"

Buoalyptol Content Optionl Rotation ... ... 0 to 1 '919 to '928 Optical Rotation ... ... ... 0 to 1
Specific Gravity ... ... 919 to 928
Absolutely Free from Phellandrine.
Quotations by Cable. Wholesale Trade Only,

BURNSIDE & COMPANY Eucalyptus Oil Distillers, ICTORIA,

"Burnside Company, New Postal Address-Cables-

Singly and fractionally distilled. MIGHEST CONCENTRATION AND PURITY SUARANTEED.

Prices, samples and information from the distillers :-

IHITE, TOMKINS & COURAGE, LTD.

HEAD OFFICE: 48 Mark Lane, LONDON, E.C. 3,

And at ERPOOL, BELFAST, BOSTON, and TANDRAGEE

# Sead from Strength!



### No Apology

is necessary for quoting the above well-known Bridge maxim, because there is much in common between Scientific Bridge and Scientific Business. In both there is a flavour—a zest—a joie de vivre—for the keen player which is denied the unversed or apathetic participant.

The game is never the same; the campaign not always to the lucky; the result seldom foregone, and in both philosophy has its place.

Only in the one have you—to an extent—the choice of cards, and believing we hold a strong hand we invite our fellow-players to participate in these.

MIDGLEYS Pharmacist MANCHESTER Estd. 1833

# BIDWELLS' LTD. RELIABLE TOOTH BRUSHES. Gloria Silverdrawn, 18/Mitre - - 14/Elephant - - 12/Anchor - - 9/ GROSS LOTS NAMED FREE. CARRIAGE PAID. We invite you to try them. We guarantee satisfaction. We guarantee satisfaction. A selected £10 parcel of Hair Brushes from 30/- to 100/- per doz., carr. paid. Made at our Factories, AXMINSTER, DEVON.

### SALES ALL RECORDS.

LASTING & FRAGRANT.

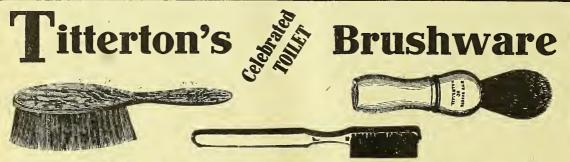


FOR LINEN CUPBOARD AND WARDROBE. Retail Price, 6d.

Of the Makers:

ALBERT WILLIS & ARTHUR, Ltd. 6 Mortimer St., London, W.

AND ALL WHOLESALERS.



TITTERTON & HOWARD, Brush Manufacturers, 8 & 10 Great Titchfield St., London, W. 1. FACTORY: ALBION WORKS, DALSTON LANE, E. 8.



### REPUTATION COUNTS.

99 Camomile Tonic SHAMPOOS

are the most popular hair beautifying preparations on the market.

PROFITABLE LINES.

Once sold, always asked for.

1/- line, for brightening only, 7/- per doz.

for warmer shades

for the Nursery

5 packets in box.

Supplied direct by

The CAMOMILE TONIC Co.

16 Lichfield Rd., Cricklewood, N. 17.2



### MAKE YOUR OLD HAT A NEW ONE.

In bottles, 1/- each, in separate neat cartons, with suitable brush. These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS. NO POLISH.

On the P.A.T.A.

Write for Terms, Patterns, also Leaflet of Testimonials.

Not another NEW HAT I used DYE

### WHITAKER & CO.,

Colour Works, KENDAL.

LONDON DEPOT: 60-62 Clerkenwell Road, E.C.1

GLOSSY SERIES supplied if desired. Special Non-inflammable Series for Export.

Another Home Article of Great Utility.

"LUTON"

Universal

Fabric

Dyes

FOR HOME DYEING

All these colours will dye either Wool, Silk or Cotton, or mixture of these. No separate dye required for each material. Easy and clean to use. No acids or preparation required. Make home dyeing a matter of interest and pleasure.

A standard range of 12 Colours; other shades supplied.
IN PACKETS, 2d., 3d. and 6d. each, and in Bulk.
Pattern Book. Write for Terms and Patterns.

EXHIBITED-

OLDHAM, 1882;

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37 Years' Reputation & Practical Experience.

# WHITAKER'S HOUSEHOLD Coloured Varnishes

(VARNISH STAINS)

For Floors, Furniture, and Woodwork Generally. Patterns supplied.

Black Lacquer for Grates, etc.

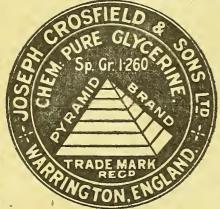
"JUGGLER" BLACK FOR LEATHER

## WHITAKER & CO. Colour Works, KENDAL, Eng. 60-62 Clerkenwell Road, E.C. 1.

Telegraphic Address: "Dullette Kendal."
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ESTABLISHED 1878.

# CROSFIELDS' CHEMICALLY PURE GLYCERINE. PYRAMID BRAND.



The finest Glycerine obtainable for medicinal purposes. Absolutely pure. Guaranteed to stand all the tests of the British Pharmacopæia.

IN 14th 28th & 56th TINS. (MODDEN)

1, 22,5 & 10 CWT. DRUMS. (RETURNABLE)

JOSEPH CROSFIELD & SONS LTD Chemical Manufrs. WARRINGTON.

# Snolin

### TOOTH PASTE

"STRONG" OR "MILD"

The Super Paste.

SOLE MANUFACTURERS & PROPRIETORS:

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Offices: 207 King St., Hammersmith, London, W. 6.

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A DAINTY BRITISH PERFUME OF GREAT FRAGRANCE.

# POTTER & MOORE'S MITCHAM LAVENDER WATER

Established - 1749

Prices: 17/- 30/- 54/- 78/- 136/- doz. 21/- each

RETAIL 2/- 3/6 6/6 9/- 16/- each 30/- each

Pocket Flasks 25/- doz. RETAIL 3/- each.

Sole Proprietors:

# W. J. BUSH & CO., Ltd.

Ash Grove, Hackney, London, N.E.

DISTILLERY ----- MITCHAM, SURREY.

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DELIVERY

PURPOSES. SKIN FOR MEDICAL



### SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. The raw material for Budruche manufacture being now unobtainable, I ha e put this new production on the market in its place. ABSOLUTELY AS OPAQUE as Split skins and equal in appearance.

46 Mine beat all others."

Sole Pioneer and Only English Manufacturer:



Another New Speciality .- Try my TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.

QUICK-SELLING LINE. EFFECTIVE. ATTRACTIVELY PACKED. SHOWS LIBER L PROFIT. NON-POISONOUS 3d. and  $7\frac{1}{2}d$ . per packet.

Advertising Matter supplied with each Order.

MILNER'S CHEMICAL CO.. LIVERPOOI







# DO YOU STOCK the Anzora Pair?

Besides selling quickly and easily, Anzora gives you a good profit for your trouble. The public realise that they

# Master the Hair

effectually and well.

TRADE 11/6 per dozen ... retailed at 18/30/19/6 ... 30/4 25 % di count on orders of 3 doz. 5 % 6 doz. for monthly settlement of account.

Obtainable from

Showcards on request.

Anzora Perfumery Co., Willesden Lane, London, N.W. 6.

ज्ञातवा वात्रवा । वात्रवा । वात्रवा । वात्रवा । वात्रवा | वात्रवा | वात्रवा | वात्रवा | वात्रवा | वात्रवा | वा

FOR LARGE BUYERS.

# Pomade Hongroise

Also Brilliantines, Dry Shampoo (Liquid),
Bay Rhúms, Toilet Paraffins,
Lime Creams, Shaving Sticks,
Tooth Towders, Dental Creams,
Vanishing Creams, Shampoo
Powders, and all Toilet Goods.

LOW PRICES for HIGH QUALITY.

STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers

Desk 11, 31-35 Lower Castle St., BRISTOL

# A Dissatisfied Customer

does not buy again from your shop!



If Amami Shampoo of Henna is asked for—Amami Shampoo of Henna is wanted—and no other.

There is only one Amami Shampoo of Henna; it bears the above label, and it gives satisfaction.

If you sell a substitute you do not satisfy your customer.

Sell Amami Shampoo, satisfy your customer and build up a good reputation.

It pays—and Amami Shampoo bears a big profit. A gross costs 27/- and sells for 48/-: nearly 80 % profit.

And a £5 order carries in addition a Window Display Bonus of 10/- worth of Amami Toilet Specialities, and is Carriage Paid.

Send a £5 order at once (any assortment), and make a window display.

PRICE LIST ON APPLICATION.

The PRICHARD & CONSTANCE MANUFACTURING CO., Limited 469 Holloway Road, N. 7.

# PAPIER POUDRE

AND "POPPŒA" PREPARATIONS.



BRITISH MADE GOODS

# Our Sunburn Tint

For Landworkers and Seaside Visitors.

Booklets - - 8d. & 1/4 5/- & 10/- per doz. net.

REGISTERED

PAPIER POUDRÉ, LTD. Beware of Spurious Imitations. 20 Baker St., Portman Sq., London, W. and in Paris.

"LEHCARESOR."

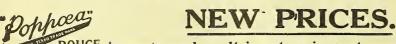
NOTE OUR TRADE MARKS, AS ABOVE.

# NEW PAPIER POUDRE PRICES.

In WHITE or RACHEL TINTS, 4d. & 6d. size Booklets @ 2/8 & 3/9 per doz. respectively. In WHITE, ROSE, or RACHEL TINTS, 8d. & 1/4 size Booklets @ 5/- & 10/- per doz. SUNBURN TINT, 8d. and 1/4 sizes only, 5/- and 10/- per dozen net.

> NEAT 1/4 MIRROR CASES, containing pads of Papier Poudré, 10/- per doz. net. REFILLS to these MIRROR CASES 8d. SHAVING PADS (unscented, white only)

# THE ALL-BRITISH "POPPCEA" PREPARATIONS.



ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 8d. and 1/4 each. IN MIRROR CASES, 1/4 each, 10/- per doz. net. 5/- and 10/- per doz. net respectively. Refills, 3/9 per doz. net.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars, 1/2, 2/6 & 3/6 each; 9/6, 24/- & 28/- doz. net respectively

"POPPŒA" CIRCASSIAN CREAM ,, 1/2, 2/6 & 3/6, 9/6, 24/- & 28/- ,

"POPPŒA" CRÈME POUDRÉ, in Bottles, 1/2 & 3/6 each; 9/6 & 28/- doz. net respectively.

PAPIER POUDRE, Ltd., 20 BAKER STREET, LONDON, W.1.

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# TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

**Anise (Anethol)** 

Bay

Bergamot

Caraway !

Cassia

Cinnamon

Clove

Dill

Geranium Geranium

Ginger

**Juniper Berry** 

Lavender

Lemon

Limes

EUCALYPTOL

Mandarin.

Nutmeg

Orange

Peppermint Petitgrain

Rosemary



CITRAL



Lavington Street, Southwark, London,

ABC Code (5th Edition), Western Union. Telegrams: "LANDSLOH LONDON,"

Telephone: HOP 898.

AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beekman St., New York CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, Toronto.

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CINNAMIC ALDEHYDE GERANIOL



# THREE GOOD SELLERS THAT PAY WELL

# FROZOCLONE

(The original solid Eau de Cologne).

(Regd.)



THE WORLD'S GREAT PERFUME AND REFRESHER IN SOLID FORM

Retails (P.A.T.A.) Minimum - 2/6 giving at least 8d. Profit on each sale.

22/per doz.

FROZOCLONE is a convenient form of the finest Eau de Cologne refreshing when rubbed on the forehead, equally pleasant as a smelling bottle, invaluable in a heated atmosphere and when motoring.

# CARNATE (Beggl)

A NAIL POLISH PASTE with new and distinctive features. Antiseptic-Softens the cuticle-Brilliant and lasting polish.

Retails (P.A.T.A.) minimum 1/6; 12/- per doz.



The Ideal Fruity Laxative in Pastille Form. DELICIOUS. RELIABLE. EFFECTIVE. Retail (P.A.T.A) Minimum 2/3 21/- per doz., stamped.

# H'S LABORATORIES, Montrose Avenue, LONDON, N.W. 6

68 Salusbury Road and

Telephone: 525 Willesden.

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# BRITISH MADE

Highly polished foils-printed, lacquered, embossed or plain. Guaranteed free from lead for tobacco, cigarettes, foodstuffs, etc. In sheets or reels-large or small quantities. Also collapsible tubes in pure tin, pure lead or leadcoated with tin for rubber solution, artists' colours,

tooth pastes and other toilet preparations.

Manufactured by

Great Tower St. London England



# WE ARE THE HENNA SHAMPOO SPECIALISTS.

Our factories are devoted entirely to the study, development and production of the EVAN WILLIAMS' ORIGINAL HENNA SHAMPOO.

Evan Williams' is the only genuine and reliable Henna Shampoo, and is guaranteed to give complete satisfaction. It is advertised in the whole of the national press which appeals specially to women, and ladies in daily increasing numbers are adopting the Evan Williams' treatment; it will pay you to secure this profitable business for your establishment.

# The EVAN WILLIAMS Co.Ltd 18&18a0GLE ST. FOLEY ST. LONDON W

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The Finest Quality Aerated Waters are made only with the Finest Quality ESSENCES

# Boake Roberts

Soluble Essences are of the finest quality and being extremely concentrated are most economical

Lemon Ginger Ale
Orange Stone Ginger (Cloudy)
Ginger Clear Ginger Beer
Raspberry Kola Champagne
Strawberry Lime Juice and Soda
Pineapple Lemon Squash Vanills

A.Boake Roberts & Co.L. Stratford, London.









# **Collapsible Metallic Tubes**

For Artists' Colours, Tooth Pastes, Lanoline, &c.



# SPRINKLERS

Perfume Bottles and Hair Washes.

# METAL CAPS

Glass Jars and Toilet Preparations.



24 CITY ROAD, FINSBURY SQUARE, LONDON, E.C. 1

FACE CREAM. TOOTH POWDER. NAIL POLISH PASTE. POWDER. LIANTINE, Solid and Liquid. OLET POWDER. TALCUM. TOILET OATMEAL SHAMPOO POWDER & LIOUID. MASSAGE CREAM

Your own formula prepared, or we can supply ingredients if desired.

Send for samples and quotations.

A. CONNELL & CO., 3 Jewry Street, LONDON, E.C. 3 PHONE-AVENUE 1945.

'Ongard' Guarded Coil Safety Pins RUST PR



For Surgical & Nursery Purposes.

SOLE MANUFACTURERS

GEORGE GOODMAN LTD., BIRMINGHAM.

Stocked by JAMES L. HATRICK & CO., LTD., 70 St. John St., Cierkenweil Rd., LONDON, E.C. 1,

# VANISHING CREAM

For displaying a small showcard, we make the following offer on INITIAL DIRECT ORDERS (One parcel only):—

dozen 73d. selling for 11

For 10/- cash with order, carriage paid. 20 3
7id. and 1/- - - 5/6 and 9/- per dozen.
From London Wholesalers.
Direct Orders value £5 subject to 10% discount and 1 doz. 1/- size bonus for window display, showing 38% on Turnover.

STRODE COSH & PENFOLD Manufacturing Chamists

STRODE COSH & PENFOLD, Manufacturing Chemists BRISTOL

THE name Zenobia is so intimately associated with perfection in perfumery, that the buying public eagerly welcome the Toilet Preparations also manufactured by the firm of Zenobia, Ltd. Chemists will find that the name



alone is sufficient to ensure ready sales, while the pleasure found in the use of Zenobia Specialities in its turn ensures satisfied customers. We particularly recommend

ZENOBIA BRILLANTINES. ZENOBIA TOILET POWDERS
-/8d. size......6 - per doz. 1/3 size......10/6 per doz.

1/4 " ... 12/- . " ... 2/9 " ......24/- " ... 2/2 " ... 19/6 " " .-/72d. Poudre Orientale. 5/6 per doz.

Subject to usual discount.

A complete Catalogue will be forwarded on application to-

ZENOBIA LTD., Loughborough, ENGLAND

Manicure your Finger Nails with

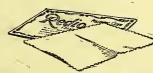
Redio

Finger Nail Cloths.

They give a brilliant, lasting polish without pumice, dust, or grease. Beautiful finger nails give the finishing touch to a cultured hand.

Of all Chemists, Hairdressers, etc.

Prices: **6d.** and **1/-**



The REDIO CO. specialises in impregnated cloths.

Try the celebrated Redio Metal Polishing Cloth.

REDIO CO., Ltd., 66 Fore St., London. E.C. 2.

# Transparent Baudruche

FRANK A. CONDUIT, SUTTON HOUSE, 2 OLD STREET, LONDON, E.C. 1.

# ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED

IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

7 Carnwath Road, Fulham, London, S.W.

WHO INVITE INQUIRIES.

# NEW FORMULA 66 DAISY?

More Profitable than ever!

# WHOLESALE PRICES:

1/- Packets, each containing 8 Powders.

		INIMUM, RET		0		POWDER, 2d.		
1	dozen		a	8		9/9	per	dozen.
3	- 99	99	•	a)		9/2	29	<b>99</b> .
2/3 Pa	ckets, e	each con	tainin	g 20	Powd	lers.		
		The second secon	MINIMUM	1 RETA	IL, 2,3,			
1	dozen	boxes	-	esi	(to	21/6	per	dozen.
3	99	s 99 .	650	-		20/6	,,	"
Daisy	Tablet	S.				-		
	~~	4	MINIMUM	RETA	IL, 1/3.			
1	dozen	Tins -	-	600	-	13/-	per	dozen.
3	,,	•	-	-	-	12/6	•••	,,
Mixed orders, 1/- and 2/3 Powders and Tablets on best terms.								
DISCOUN	$VT$ , $7\frac{1}{2}$ $PI$	R CENT. F	OR CASH	•	CARRIAGI	E PAID TO	DEST	INATION.

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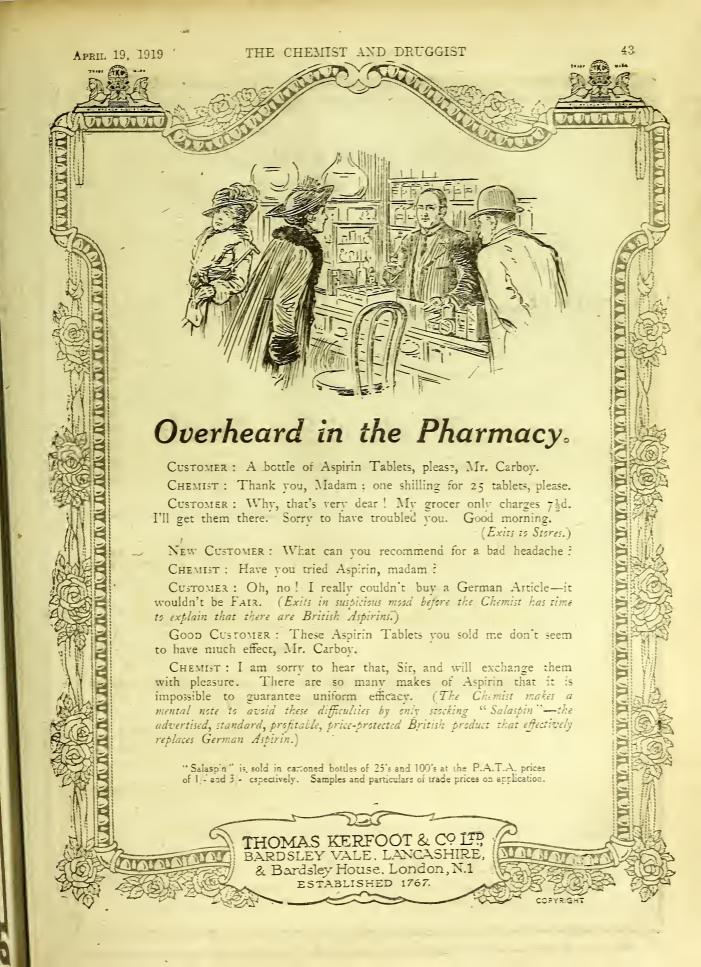
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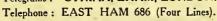
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# Coming Events.

Wednesday, April 23.

\*Conference of Local Pharmaceutical Associations, Examination
Hall of the Medical Conjoint Board, Queen Square, London,
W.C. 1, at 10 a.m. The Conference will be continued on Thursday.

Thursday, Arril 24.

Amalgamated Society of Pharmacists, Drug and Chemical Workers,
Temperance Billiard Hall, Queen's Road, Clapham Junction,
London, at 8 r.m. Special meeting for assistants and students.

CAMBRIDGE PHARMACEUTICAL ASSOCIATION.—The twenty-fifth anniversary dinner will be held at the Lion Hotel on May 8 at 7 r.m.

LONDON (Western) PHARMACISTS' ASSOCIATION.—A whist-drive and supper will be held at Pinoli's Restaurant, London, W., ou April 30, at 7.30 r.m. Tickets (6s. each) from Mr. B. R. Wilkinson, 23 Cromwell Place, London, S.W. 7.

# Wills.

Mr. Norman Scott Rudolf, M.Sc., F.I.C., consulting chemist, 28 Pall Mall, London, S.W., who died on January 29, left estate valued at 16,0331. 9s. 6d. gross.

Miss Eva Charlotte Ellis Lückes, C.B.E., Matron of the London Hospital, who died on February 16, left property of the gross value of 4,1781., with net personalty 3,8041. Among the bequests is 1001. to Mr. E. W. Morris "as a token of my affectionate appreciation of his sympathetic friendship and practical help in my work." thetic friendship and practical help in my work,'

# English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

#### War Regulations Altered.

Since the last list was published (C. & D., April 12, p. 45) the following alterations have been made in Regulations of Orders under the Defence of the Realm Act:

Blast-furnace Dust.—The Order of 1917, which regulated the sale of blast-furnace dust (a source of potash), will be suspended on April 30.

suspended on April 30.

Copper Sulphate (C. & D. Diary, p. 71).—The Copper Sulphate Order, 1918, has been suspended. This was the Order which fixed the wholesale and retail prices of copper

Sugar.—A general licence is about to be issued allowing the importation of sugar from British Possessions or nonenemy countries, and the sale for manufacturing purposes without the production of a voucher and in excess of the maximum quantity authorised by the Sugar Restriction Order. The prices at which such sugar is sold will not be limited to those fixed by the Sugar Commission. The sugar may not be sold for grocery purposes.

#### Export Regulations.

The following alterations in the existing prohibitions of export have been made by the Board of Trade since our last published list (C. & D., April 12, p. 54):

Headings Transferred from One List to Another.

From "A" to "C" list: Albumen, other than blood albumen; egg powder (dried eggs); levulose; vinegar essence and similar preparations containing more than 6 per cent, acetic acid. From "A" to "B": Milk, condensed or preserved; milk, powder. From "B" to "Camphor; vinegar containing not more than 6 per cent. Camphor; vinegar containing not more than 6 per cent. acetic acid.

Export Licence Department is the new name for the War Trade Department, the designation Department of Export Restrictions having been abandoned (C. & D., April 12,

Easter Holidays.

The following closings are announced, in addition to those given in The CHEMIST AND DRUGGIST, April 12, p. 46:
Allen & Hanburys, Ltd., Bethnal Green, E. 2, April 17 (evening) to April 22. (Corrected notice.)
British Drug Houses, Ltd., The, 22-30 Graham Street,
N. 1, April 17 to April 22.

Goodall, Backhouso & Co., Leeds, April 17 to April 23. Sangers, 258 Euston Road, N.W. 1, April 18 and April 21. Willows, Francis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C. 1, April 17, to April 22.

Chemical Society.

An extraordinary general meeting of the Chemical Society is to be held at Burlington House, Piccadilly London, W. 1, on May 8, at 5.30 P.M., to consider proposals for the revision of the by-laws. The following resolutions will be proposed. posed :

(1) That women should be admitted to the Society on the same terms as men.

(2) That in the election of officers and Council a postal vote of Fellows resident in the United Kingdom should be taken.

(3) That every alteration of the by-laws should require

(3) That every alteration of the by-laws should require for its adoption a two-thirds majority of those voting.

(4) That no alteration of the by-laws should become effective until one month after its adoption has elapsed, within which period it should be competent for not less than thirty Fellows to demand a poll of all Fellows resident in the United Kingdom.

(5) That the number of ordinary members of Council should be raised to at least eighteen.

(6) That the class of "Associates" should be abolished.

(7) That the term "Honorary and Foreign Members" should be replaced by "Honorary Fellows."

(8) That the limit placed by the Charter on the yearly value of the Society's premises should be raised.

In the event of any or all of the foregoing resolutions being adopted, the following further resolution will be

(9) That the Council be and hereby is empowered to take steps to secure a Supplemental Charter giving the necessary power to alter the by-laws in the sense of the foregoing resolutions.

#### Contracts.

The following tenders have been accepted by the bodies named:

Burnley Guardians.—Hartleys, ehemists, concentrated mixtures: Corbyn, Stacey & Co., Ltd., drugs.
Caerphilly Urban District Council.—T. Davies & Sons, chemists, drugs, etc., for the local hospital.

Newport (Salop) Guardians.—Mr. C. R. Picken, chemist and druggist, drugs.

#### Birmingham.

The Easter holidays in shops are to be on the same lines as in the past few years.

A pharmacist in New Street has a topical window-display of Easter eggs (saponaeeous) in nests.

The son of Mr. J. W. Bland, Moseley Road, has obtained another success at London University.

The asphyxiating gases which have been used in the war are to serve for the destruction of caterpillars and other insects, as well as of rats.

The Birmingham Skin and Lock Hospital is advertising for a lady chemist to conduct analyses and physiological research. Salary, 70l. per annum, with dinner and tea

Birmingham has the unenviable reputation of receiving the largest proportionate share of out-of-work pay of any city in the United Kingdom. The other day a wholesale drysaltery establishment had to close to complete existing orders, while in the same street were hundreds of men (mostly young) drawing out-of-work money.

The ehemically minded have just had a week of meetings. Not only has the Birmingham Pharmaceutical Association met, but the Institute of Chemistry and the Society of Chemical Industry have also held sectional gatherings. A propos, scientific meetings are so numerous and lanternists so few that it might be worth while for young pharmacy students to take up the work, if only as an experience.

#### Bradford.

A whole-time bacteriologist and pathologist is to be appointed by the Bradford Health Committee at a commencing salary of 6001. per annum.

A Bradford wine and spirit merchant states that during the month ended March 23 he had supplied whisky and brandy on 507 medical eertificates which had been signed by over forty doctors.

#### Liverpcol.

A suburban pharmacist has as one of his customers for baking-powder a bachelor who bakes his own bread.

Mr. William Parry, a doyen among travellers in the drug trade, is confined to his home at Waterloo by illness.

The coming into the market of several pharmacies, owing to the death or retirement of the proprietors, has been followed by a proportionate number of inquiries, as young buyers are now free to look round.

The weekly half-holiday, daylight-saving, and the carlier closing are turning the thoughts of some pharmacists, especially those on the Cheshire side to the golf revival, in which both the municipal and the club links are participating

At a "Rexall Rally" of Rexall chemists from Lancashire, Cheshire, Shropshire, Staffordshire, and North Wales, held at the Exchange Station Hotel on April 9, Mr. Deakin (Northwich) was elected President of the Liverpool Rexall Club, and Mr. Harold Lomax (Liverpool) was elected Secretary.

In the prospect of a popular rush to Blackpool and Southport for the Easter holiday, the railway companies have announced that all tickets will be marked for scheduled trains. Both at the seaside and near the stations in Liverpool pharmacists are anticipating something like a record demand.

Thompson & Capper, Ltd., have at present on show at their Lord Street branch a series of toilet articles with a dead-black background for the "get-up." A multicoloured bird of paradise is thrown out in relief by the dead-black, and looks very striking. Chrome-coloured silk completes the scheme of window descript the seheme of window-dressing.

# Nottingham.

Customers are being asked in pharmacies, by means of written or printed notices, to return empty bottles.

The Shop Assistants' Union is making strong efforts to organisc the employés in the Nottingham drug-trade, about 900 of whom already belong to the Union. Mr. H. Hoffman, London, the chief organiser of the Union, is to address a meeting in Nottingham on this question.

A largely attended meeting of chemists' assistants was held in the Mcchanics' Institute on April 14 to consider

whether a Trades Board or a Whitley Council would be themore suitable for the drug-trade. The principal speakerwas Mr. M. W. Chambers, chemist and druggist, who said that at the meeting called at Westminster on March 20, (C. & D., March 29, p. 47) the Government wanted forom a Trades Board for the whole of the distributive trades, with sub-boards for each section. The only outand-out opponent of that scheme was Mr. Glyn-Jones, Secretary of the Pharmaceutical Society, who advocated a Whitand-out opponent of that scheme was Mr. Glyn-Jones, Secretary of the Pharmaceutical Society, who advocated a Whitley Council for the drug-trade. From the assistants' point of view a Trades Board was better, contended Mr. Chambers, because it was compulsory. The employers, however, seemed to prefer a Whitley Council, because it was voluntary. He urged the assistants to join a trade-union as the only kind of organisation which could look after their interests. A resolution supporting the formation of a Trades Board was passed.

#### Sheffield.

The new Juniors' Association is perturbed by the lack of educational facilities in Sheffield.

The Sheffield Insurance Committee's attention has been drawn to the large number of prescriptions presented which are not legible.

Local doctors are now pressing for the use of only B.P. or B.P.C. preparations. It is not long ago that they elamoured for the free choice of any preparation.

The Sheffield Pharmaceutical Committee has instructed the delegates to the coming Conference in London to support the present Tariff system in preference to the old arrangement.

Miscellaneous.

EARLY-CLOSING AGREEMENT. - The chemists of Newport, Isle of Wight, have agreed to close at 1 P.M. on Thursdays, and to remain closed on Sundays except between 6 and 7 P.M.

Poison-Licence Applications. — J. W. King, Market. Square, Amersham, has applied to the Bucks County Council for a licence to sell agricultural poisons.—Bowling: & Co., ironmongers, Sutton, Surrey, have similarly applied to the local authority.

INQUEST.—A verdict of "Death from cerebral effusion. followed by eoma" was returned at the adjourned inquest. theld at Scarborough on April 9 on the body of George Gawthorp, described as a chemist's assistant, whose death occurred in circumstances already ascertained (C. & D., April 12, p. 47).

FIRES.—Considerable damage has been caused in each case by the following outbreaks of fire: On April 7, on the premises of the Hallmark Manufacturing Co., Ltd., compressed-food manufacturers, Deacon Street, S.E.; pressed-food manufacturers, Deacon Street, S.E.; on April 8, at the cocoa factory of James Epps & Co., Ltd., Holland Street, S.E.; on April 11, on the premises of Eucryl, Ltd., Borough High Street, S.E.

ROYAL INSTITUTION.—The lectures after Easter include & series by Professor Arthur Keith on "British Ethnology," and two lectures by Professor H. S. Foxwell on "The Psychology of Industry." The first Friday-evening discourse will be on May 2 by Professor John W. Nicholson on "Energy Distribution in Spectra." Sir Ernest Rutherford will give a discourse later on in the session.

WHIST-DRIVE.—The Managers' Association of Parke's Drug Stores, Ltd., held a whist-drive at Charrington Hall. London, N.W., on April 10, when invitations were extended to the staff and their friends. The gathering numbered 170. During the interval for refreshments a short programme of music, etc., was successfully earried out. The prizes were presented by Mrs. Murison, wife of the managing director of the company.

MALT AND OH.—The Medical Officer of Health for the City of London (Dr. Howarth, C.B.E.), in his report to the City of London (Dr. Howarth, C.B.E.), in his report to the Corporation, draws attention to the need for a standard for preparations in which cod-liver cil is an ingredient. Samples of so-ealled "extract of malt and eod-liver cil" have been found to contain from 6.3 to 15.4 per cent. of the latter, instead of the proper percentage of 33, while other preparations contained from 24.1 to 48.1 per cent. of eod-liver cil. Such variety the modified officer states is unsatisfied. iver oil. Such variety, the medical officer states, is unsatis-

Poisonings.—At Tatsfield, an infant died from eating sugar-coated tablets given to its father and left by him on sugar-coated tablets given to its father and left by him on a table. It was subsequently found that the tablets contained strychnine.—Dr. John Moore Johnston Downer, a Bethnal Green medical practitioner, committed suicide by taking hydrocyanic acid.—Mr. Percy Beaumont, ehemist and druggist, manager of a Louth business, committed suicide by taking an irritant poison, "probably" potassium cyanide, according to evidence given at the inquest on April 10. The Coroner's verdict was to the effect that Mr. Beaumont, was not responsible for his actions at the time. was not responsible for his actions at the time.

BOTTLE SHORTAGE.—Boots, Ltd., are advertising in the daily papers asking eustomers to return all medicine bottles bearing the company's name or labels. For these from \( \frac{1}{2}d \), to 2d, each will be given at any of the branches. It is added: "All bottles received at the branches are not simply rinsed out, but are forwarded to a special establishment and there thoroughly cleansed by a scientific sterilising process, which makes them as new, before they are sent to our laboratories for further use. Every bottle returned saves the coal, materials, and labour necessary for making a new bottle, and so contributes to national economy." bottle, and so contributes to national economy.

EXPORT RESTRICTIONS.—The British Commonwealth Union is calling attention to many instances in which British export trade is handicapped by Government restrictions. Two examples which the Union gives are as follows: A British firm received an order from Holland for tallow, which is being freely imported from Australia and fetches 627, to 647, a ton c.i.f. London. The firm could only obtain permission to export. "Government-owned" tallow, for which the Government demanded 78% a ton. As America offered to supply tallow to Holland at 68% c.i.f. Rotterdam, the business was naturally lost. The other case is one of linseed oil. The price of that article in this country is 58% a ton, but in order to fill an order from Belgium the British firm had to pay the Government 751. a ton.

British firm had to pay the Government 75% a ton.

TRIBUTE TO PHARMACY.—Dr. Pickard, head of the Blackburn Technical School, paid a striking tribute to the local Chemists' Association, in addressing the local Chamber of Trade on April 14. He was dealing with compulsory continuation of education and the need for special classes to train various apprentices, and mentioned that for several years the qualified chemists of the town had rendered yeoman service in this direction. These pharmacists, he said, had sent their apprentices to the Technical School for special instruction, during their employers'-time, to receive instruction suitable to their calling. Speaking generally, Dr. Pickard said it had been the fashion to deride the English chemist and to imagine that the only chemist in the world was the man with German training. This was a bogey, and he was quite an optimist regarding This was a bogey, and he was quite an optimist regarding the future of the English chemical trade if it received the proper encouragement. Mr. C. Critchley, Ph.C., supported the vote of thanks to Dr. Pickard.

IN THE COURTS .- At Ashton-under-Lyne Police Court, on April 10, three herbalists named Bennett, Lees, and Rignold, each of whom carries on business in the borough, were charged with treating venereal discases. They pleaded "Not guilty." Evidence for the prosecution was given by Mr. R. Whaites, an organiser for the National Council for Combating Venereal Diseases, who stated that he had visited the shops of six local herbalists with the suggestion that he was suffering from symptoms indicative of a venereal disease; three of these herbalists, however, were "gentlemen," and refused to treat him. Each defendant was fined 50?.—At Kingston-on-Thames, on April 12, Lilian Panfield, described as a widow, and giving a Bedford address, was charged with shoplifting. In defence, she successfully pleaded the illeffects of having taken five aspirin tablets, which had made her, she said, dazed and absent-minded. Her story having been confirmed, the case was dismissed, on payment of costs.—At the Wilts Quarter Sessions, on April 8, the charge against Thomas Edward Pomeroy and Douglas John Biss of stealing drugs value 90%, the property of the Australian Army Medical Service (C. & D., April 5, p. 47), was heard. Pomeroy was sentenced to six months' imprisonment; Biss was found "Not guilty," and was discharged. shops of six local herbalists with the suggestion that he was

# Scottish News.

Scottish Chemists' Retail-price List.

The following are among the alterations in the Scottish Chemists' Retail-price List: Drugs.—Acid. acetic., 2d. oz.; aspirin, 4d. dr.; acid. oxalic., 3d. oz.; ammon. brom., 2d. dr.; guaiaci res. pulv., 2s. oz.; guaiacol carb., 1s. 6d. dr.; liq. formald., 4d. oz.; ol. caryoph., 4d. dr.; sodii cit., 2d. dr.; sodii salic., 2d. dr.; vin. ipecac., 8d. oz. Proprietaries.—Cuticura, 2s. 6d.; Cuticura Soap, 1s. 1d.; Rimmel's Toilet Vinegar, 1s. 10d., 4s. 1d.

Brevities.

The resumption of horse-racing at Ayr promises to bring grist to the mill of the local chemists.

A Scottish pharmacist recently received a credit for returns sent to a wholesale house by his predecessor six years ago.

The chemists of Thurso have agreed, in common with the other traders of the town, to continue closing at 6 P.M. on week-days and all day on Sundays.

Provost Raffan, chemist and druggist, Stirling, officially welcomed the 7th Argyll and Sutherland Highlanders on their arrival at Stirling on April 14.

It has just been discovered that a number of prescriptions issued in November 1918 on Insurance forms and dispensed by various chemists in Dundee were written by someone who cannot be identified as a member of the

doctors' panel.

Much dissatisfaction is expressed at the action of the Pharmaceutical Society in announcing the results of the Qualifying examination recently held in Edinburgh under the heading, "Edinburgh.—Minor Examination." It would seem that the official mind in pharmacy still hankers after the old term.

Edinburgh.. An advertisement in the "Scotsman" of April 12 begins: "Leeches.—Anyone having leeches in stock kindly communicate." Appropriately enough, it appears in the municate." App

A doctor, glancing over last week's C. & D., paused at Dr. Dobbin's column. "I had no idea," he commented, "that you chaps were expected to understand advanced scientific stuff like this."

"Should medical men receive a liberal discount?" said one chemist to another recently. "Do they give you their services at a reduced rate?" replied his friend, in the approved Scottish fashion.

A possibly lasting result of the shortage of many proprietary articles will be to make casy the way of the substitute offerer. "What have you got that's similar, then?" is a frequent question in these days.

The opening meeting of the season of the Edinburgh Chemists' Golf Club took place on the Duddingston course on April 9. Teams selected by the captain and secretary respectively had a most enjoyable game, resulting in a draw, five wins on either side.

Mr. J. Buchanan, chemist and druggist, Leven, is carrying out alterations to his premises.

Mr. Peter Fenton, chemist and druggist, The Ore Phar-

macy, Cardenden, is holding a soap sale.

Mr. J. Stewart, ehemist and druggist, formerly of Buckie, is now in charge of Thomson's Pharmacy, Lochore. The premiscs formerly occupied by Nightingale & Ferguson, chemists, Denbeath, have been converted into a childwelfare centre.

Mr. Arthur Husband, chemist and druggist, Leven, who has been indisposed for some weeks, has recovered and is back at business.

Bailie William Smart, pharmacist, Buckhaven, was returned at the head of the poll in the recent Fife Education Authority election (Fourth Division).

Mr. A. G. Adamson, pharmacist, Kirkcaldy, has been successful at the recent election in the Third Division of the County of Fife Education Authority.

Mr. Thomas Yule, chemist and druggist, who gave up business in Cowdenbeath about two years ago, is removing to Joppa (Edinburgh). Mr. Yule has been managing the business of Mr. Husband, Leven, during the latter's

Glasgow.

The City of Glasgow will become a restricted area under the Venereal Disease Act on May 1. Glasgow chemists are well aware of the penalties incurred by breaches that they are not likely to commit.

All the available space for the forthcoming Industries Fair to be held in Glasgow has been booked, and extensions are contemplated. A Health Exhibition is to be housed in the same building after the Fair has been closed.

The Trade Committee of the Glasgow and West of Scotland Chemists' Association urge the adoption of 2d., or in some cases 3d., as the minimum for sales, except for such common articles as alum, bicarbonate of soda, borax, Expora salts, and horiz acid Epsom salts, and boric acid.

THE SALE OF HONEY.—In further reference to the high price THE SALE OF HONEY.—In further reference to the high price of honey (C. & D., March 15, p. 64), an advertiser in the "Grocer" offers first-grade Australian at a cheap rate in minimum lots of ten cases, each containing 2 × 60 lb. tins. In order to secure big sales, it is suggested that the honey should be cut up, weighed, and wrapped in parchment paper, like butter or lard. The British market is flooded with Australian honey at the present time, and as further shipments are coming forward heavy losses are being incurred, as the market has substantially declined; this, however chiefly affects the provision trade in London and ever, chiefly affects the provision trade in London and

# Irish News.

Limerick is under martial law, but so far no passport to gain admittance to the city is required ..

Mr. Robert Morrow, Ph.C., of Grattan & Co., Ltd., Belfast, has joined the staff of Mr. S. G. Mackey, Ph.C., Newtownards.

During the political disturbances, last week, at Castle-derg, Co. Tyrone, the crowd smashed a number of windows and property in houses recently acquired by Mr. R. M'Cay, Ph.C

At Clones Quarter Sessions, James Joseph Kerr, Ph.C., Clones, sued Francis Maguire, mcrchant, Diamond, Clones, in respect of retention of occupation of premises. The Judge, in giving a decree for possession, said that he was sure that Mr. Maguirc would get some little time to acquire other suitable premises.

At the recent meeting of Newtownards Urban Council the Chairman, on behalf of the members, extended a cordial welcome to Mr. Thomas Sandford, R.D., member of the Committee of the Chemists' and Druggists' Society of Ireland, on taking his seat as Councillor for Scrabo Ward in succession to the late Mr. Samuel Moore.

John Clarke & Co. (Successors), Ltd., 8 Donegall Square West, Belfast, referring to a paragraph in the C. & D., April 5, p. 50, regarding the Dundalk contract, inform us that they have never contracted for drugs to Boards of Guardians, and that therefore the complaint cannot be about their company. We regret that we should have fallen into this error.

#### Presentation to Mr. J. C. Culbert,

At the annual meeting of the Ulster Retail Drug-trade Association held in the Chemists' and Druggists' Rooms, Belfast, on April 9, Mr. J. C. Culbert, Honorary Secretary of the Association, was presented with a token of esteem from the members. The outgoing President, Mr. F. T. Smith, J.P., in making the presentation, said that since the Association was reorganised Mr. Culbert had accomplished a vast amount of work from which every members. the Association was reorganised Mr. Culbert had accomplished a vast amount of work from which every member has benefited. Thanks to his ability, tact, and courtesy on all occasions the Association has been raised to its present satisfactory position, and he was sure he was expressing the feelings of the members when he hoped they would long have the benefit of the services of Mr. Culbert. He (Mr. Smith) had much pleasure in handing Mr. Culbert. would long have the benefit of the services of Mr. Culbert. He (Mr. Smith) had much pleasure in handing Mr. Culbert an address, together with a cheque, as a small measure of the members' appreciation. Speeches, eulogistic of Mr. Culbert's work, were delivered by Messrs. Andrew Wilson, Wm. Dobbin. James Tate, Huston Lancashire, Ballymena, and A. W. Mann, Lurgan. Mr. Wilson, in the course of a racy speech, said the rivers of the world are always associated with the towns on their banks, but the Ulster Retail Drug-trade Association will always be remembered by its connection with Connswater. Mr. Culbert, in acknowledgment, said it had been a pleasure for him to do what he could for the Association, the members of which always treated him with the greatest courtesy. He is always glad could for the Association, the members of which always treated him with the greatest courtesy. He is always glad to do anything he can to advance the interests of the profession, and if the members thought he had done so he was more than pleased. A vote of thanks was accorded to Mr. Samuel Fleming, and Mr. W. J. Rankin, jun., Hon. Secretaries, and to Mr. Samuel Suffern, Treasurer of the Presentation Committee, and it was resolved that a minute of the proceedings be prepared and entered on the records of the Association. of the Association.

#### Belfast.

The death took place suddenly on April 11 of Mr. E. W. Pim, J.P., who was for many years representative of the Wholesale Groccrs and Druggists on the Council of the Belfast Chamber of Commerce. Mr. Pim, who was over eighty years of age, spent his entire business career in Belfast in connection with E. & W. Pim, Ltd., of which company he was chairmen company he was chairman.

At a meeting of the Council of the Belfast Chamber of Commerce on April 10, the nomination of Mr. Samuel Gibson, J.P., by the Chemists' and Druggists' Society of Ireland as their representative was approved. It was reported that the wholesale druggist section had re-elected Mr. Wm. McMullan (Thomas McMullan & Co.) as Chairman, and Mr George Lyttle as representative on the Council. The Aerated Water Section reported the re-election of Mr. Thomas Gallaher as Chairman, and Mr. Conway A. Ross as representative on the Council.

# Ulster Retail Drug-trade Association.

Annual Meeting.

Annual Meeting.

Mr. F. T. Smith, J.P. (President) presided at the annual meeting of the Ulster Retail Drug-trade Association, held on April 9, at the offices of the Chemists' and Druggists' Society, Waring Street, Belfast. Mr. J. Carroll Culbert (Hon. Secretary) submitted the annual report, recording an increase of 100 in the membership during the year. Mr.W. J. Rankin, jun., on behalf of Mr. W. J. Rankin (Hon. Treasurer) presented the financial statement, which was also of a satisfactory nature. On the motion of the Chairman, seconded by Mr. James Dundee, the report and statement of accounts were adopted. The following officers for the ensuing year were elected: President, Mr. W. J. Hardy (Davidson & Hardy, Belfast); Vice-Presidents, Mr. Samuel Suffern (President of the Chemists' and Druggists' Society of Ireland) and Mr. Huston Lancashire, J.P.; Hon. Vice-Presidents, Messrs. James Tate, R. W. McKnight, Samuef Gibson, J.P., Wm. C. Dobbin, J. A. Woodside (Ballymena), Johnston Montgomery, James Guiler, F. T. Smith, J.P. (Antrım), and H. G. Pring (Grattan & Co., Ltd., Belfast); Committee, Messrs. H. Crail, J. Dundee, S. Fleming, J. A. Bingham, W. Macartney, A. Wilson, J. Hewton, W. Martin, C. A. Abernethy, S. Nevin, J. Moffett, W. J. Busby, H. Marshall, D. Henderson, M. McDonald, T. N. Moffit, W. E. Wilson, and E. J. Roberts; Representatives from the Wholesale Section, Messrs. Fred Moore (Thomas McMullan & Co.), T. J. May (May & McRoberts), and J. Haydock (J. & J. Haslett, Ltd.); Hon. Secretary, Mr. J. C. Culbert; Treasurer, Mr. W. J. Rankin.

# Dental Society of Ireland.

A special meeting of the Dental Society of Ireland was held on April 9 in the rooms of the Chemists' and Druggists' Society of Ireland, Waring Street, Belfast. Mr. S. Suffern presided at the opening stages, and there was a large attendance. The Chairman referred in sympathetic terms to the death of the President of the Society, Mr. W. Corbet, R.D. (C. & D., March 15, p. 59), and announced that they were met to appoint a successor. On the motion of Mr. J. D. Carse, seconded by Mr. F. Boyle, Mr. F. T. Smith (Antrim) was unanimously elected President. Mr. Smith thereupon took the chair and, after returning thanks for the honour conferred upon him, moved a vote of condolence to Mrs. Corbet in her great bereavement. The vote was passed in silence, the members rising. On the motion of Mr. F. Boyle, seconded by Mr. E. J. Roberts, Mr. T. Mitchell was appointed Vice-President. The following resolution was unanimously adopted on the motion of ing resolution was unanimously adopted on the motion of Mr. Carse, seconded by Mr. J. Moffett:

Ar. Carse, seconded by Mr. J. Moffett:

As nothing in the laws of Great Britain and Ireland debars any person from having interests in, or carrying on, more than one business, as exemplified in limited companies and co-operative societies, but more especially by doctors running chemists' shops and compounding prescriptions in conjunction with their own legitimate profession as medical practitioners, or by florists and horticulturists selling poisons, such as arsenic, etc., in conjunction with their business; we, as chemists and druggists while agreeing with the major portion of the conjunction with their business; we, as chemists and druggists, while agreeing with the major portion of the report of the Dentists Act Committee, look upon certain sections of Clause 206, in the recommendations, as a deliberate attempt to penalise us, especially seeing we are not charged with any of the evils complained of in the report in our practice of dentistry, and are determined to join hands with the English Chemists' Dental Society, to oppose to the utmost of our power those parts of Clause 206 which would limit us in performing our dental practice, in conjunction with our pharmacy our dental practice, in conjunction with our pharmacy business, to five years, or restrict the right to carry on both professions to those whose dental practice might be judged the major portion of their business or not.

It was decided to institute a vigorous propaganda on behalf of the Society and the position of the members in the pro-posed legislation: to circularise the Irish members of Par-liament, and that all members of the Society should com-municate with their Parliamentary representatives on the

HECKMONDWIKE CO-OPERATIVE SOCIETY reports a quarterly profit of 3s. in the £ in the drug department.

# Pharmaceutical Society of Ireland.

# Council-meeting.

The monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on April 8, Mr. James Michie (President) in the chair. The following members of the Council were also present: Dr. J. A. Walsh, Dr. A. J. Barnes, Messrs. G. D. Beggs, J.P. (Hon. Treasurer), D. M. Watson, John Smith, W. F. Wells, G. A. McLean Lee, Victor E. Hanna, A. Owen Wells, Wm. Doig, and Charles E. Digges. The Vice-President (Mr. J. E. Connor, J.P.) sent an apology for his non-attendance, due to the inconvenient train arrangements.

WELCOME TO MR. DOIG.

The PRESIDENT welcomed back to the Council Mr. Wm. Doig, who has been recently co-opted a member. He said they were all glad to see Mr. Doig and to have him with them again.

Mr. Doig expressed his thanks to the President and other members of the Council for having co-opted him.

#### PRELIMINARY REGISTRATION.

The following wrote submitting certificates from other bodies, and were admitted to preliminary registration:

Miss Kathleen E. Robinson, Woodbrook Villas, Ballygomartin Road, Belfast; Mr. R. Couse, c/o Mr. D. S. Bennet, Medical Hall, «Cahirciveen, co. Kerry; Mr. Michael F. Daly, Newgate, Limerick; Mr. Richard Rourke, Main Street, Mountrath; and Mr. Thomas J. O'Hanlon, of Bagenalstown.

#### THE PRIVY COUNCIL APPROVES.

The Registrar (Mr. A. T. Ferrall) submitted communications from the Clerk of the Council, Dublin Castle, transmitting copies of Orders in Council approving of regulations made by the Pharmaceutical Society increasing the fees payable on re-examination for the Preliminary examination and for the qualification of assistant to pharmaceutical chemist from 10s. 6d. to 1l. 1s.

The Peristrar also submitted a communication from the

The Registrar also submitted a communication from the Clerk of the Council enclosing copies of an Order in Council approving of the appointment of Mr. E. Harnett Murphy, M.B., D.P.H., to be an examiner for the Preliminary examinations of the Society for one year, in the room of Mr. R. S. Conyngham, whose term of office has expired (C. & D., March 29, p. 50).

CERTIFICATE OF DEATH.

The Registrar submitted a certificate of the death of Mr. Wm. Corbet, R.D., who died on March 8, at 113 Crumlin Road, Belfast.

#### REPORTS FROM COMMITTEES.

Reports from the following Committees were received and adopted: The Law Committee, the Certificates Committee, the Declarations Committee, the House Committee, and the School Committee.

#### ELECTIONS AND NOMINATIONS.

The following were elected as members: Mr. James S. Collins, Ph.C., The Medical Hall, Kiltimagh, co. Mayo; Private John F. Courtney, Ph.C., R.A.M.C., Carrick-on-Suir; and Mr. Patrick J. Mangan, Ph.C., The Pharmacy,

Mr. John Dunlop, R.D., 30 Delaware Street, Belfast, was elected as Associate Druggist.

The following were nominated as mcmbers: Mr. John A. Bingham, Ph.C., 43 Donegall Place, Belfast; and Mr. Wm. R. Stinson, Ph.C., 113 North Street, Belfast. Mr. Wm. H. Boyd, R.D., Glensavage, Stillorgan, co. Dublin, was nominated as Associate Druggist.

#### MINISTRY OF HEALTH.

Mr. Smith proposed, in accordance with notice of motion: That representations be made to the Chief Sccretary by deputation from the Council or otherwise to ensure the proper representation of pharmacists on the Council and Committees in connection with the Ministry of Health in its application to Ireland.

He said it was proposed to adapt the English Health Bill to Ireland, and not to introduce a special Bill for Ireland. He referred to the proposed provisions under which the Chief Secretary was to be the Minister of Health for Ireland; and for the purpose of giving advice and assistance and making proposals to the Chief Secretary, an Irish Public Health Council was to be formed consisting of the Vice-President and the two other Commissioners of the Local Government Board for Ireland; the Chairman

and such two others of the Irish Insurance Commissioners as may be nominated by the Chief Secretary; the Registrar of Births, Deaths, and Marriages in Ireland; a registered medical practitioner, who shall act as Chairman of the Council under the direction of the Chief Secretary, and three other registered medical practitioners, one of whom shall be a woman and one of whom shall be a needical practitioner who is on the Medical Register in respect of a diploma in sanitary science, public health, or State medicine; and six other persons having practical experience of matters relating or incidental to or affecting the health of the people. These six persons, as well as the four registered medical practitioners, were to be nominated by the Chief Secretary from time to time. Mr. Smith, praceeding, said it occurred to him that unless they and such two others of the Irish Insurance Commissioners nominated by the Chief Secretary from time to time. Mr. Smith, proceeding, said it occurred to him that unless they Smith, proceeding, said it occurred to him that unless they made representations to the Chief Secretary and the proper authorities the probabilities were that pharmacists would not be among the six to be nominated. They might be left out altogether. They should endeavour to make their views felt in the proper quarter. So far as he was aware no representations had yet been made that Irish pharmacists had any interests whatever in the matter. He did not know how far the Bill would affect the existing condition of things or whether it would scrap the dispensary system. But in any event medicines and medical requisites would be required, and pharmacists would be required for service in institutions throughout the country. He suggested that the Council should appoint a deputation to place their views before the authorities and to point out to them the necessity of having pharmacy represented on the Council. Even from the £ s. d. point of view he thought the Local Government Board would be the first to admit that if they wanted to economise in the drug accounts that department should be placed in the hands of pharmacists.

Mr. Hanna seconded the resolution. There was no doubt, he said, that a pharmacist, by reason of his technical knowledge and training, could fill a niche in a body such as the proposed Council which nobody else could occupy. It would be a great advantage to the whole country that pharmacy should be represented on the body referred to.

Mr. W. F. Wells supported the resolution, and suggested a deputation as the most advisable step.

The President said representations ought to be made to the Attorney-General, who had charge of the Bill. made representations to the Chief Secretary and the proper

The PRESIDENT said representations ought to be made to the Attorney-General, who had charge of the Bill.

to the Attorney-General, who had charge of the Bill.

Mr. Warson said their aim ought to be to get the
Pharmaceutical Society recognised as the body to nominate
the pharmacy representatives on the proposed Council.

The resolution was amended so as to read that a deputatation should wait on the Irish Attorncy-General, and in
this amended form the resolution was passed. The President, Mr. W. F. Wells, Mr. Smith, and Mr. Watson were
appointed as the deputation.

#### Examination Results.

The following are the results of the examination held recently:

recently:

Preliminary Examination.—Rosanna Branagan, Cookesborough, Mullingar; Mavis Crawford Maxwell, Donaghadee; Ellen Martyn, Dunmore, co. Galway (Edwina E. Cox, Ballynacargy=John K. McGrath, Wexford), passed with honours. The following also passed: Jean Rebecca Campbell, Castlederg; Henrietta E. Noble, Rathgar; (Helena M. T. McDevitt, Omagh=Anastatia T. Power, Cabra, co. Dublin=Timothy J. Waldron, Tuam); David Gibson, Jordanstown; Edward O'Grady, Waterford; David M. Honeyman, Castleblayncy; James Scott, Belfast; Eveline McClure, Maryborough; Dorothy M. Ryan, Dublin; Patrick Doran, Waterford; Julia J. Ryan, Dublin; David P. Ruthstein, Dublin; John Connolly, Dublin; John Bell, Ballynahineh, co. Down'; Alfred Holmes, Belfast. Twenty-Ballynahineh, co. Down; Alfred Holmes, Belfast.

Registered Druggist Examination.—Mrs. Jeanie Irwin, Limavady; Francis J. Molyneux, Kilmorna, co. Kerry; Wm. Taggart, Belfast, passed. Six candidates were

Pharmaceutical Licence Examination.—J. Trevor Nicholl, Belfast; Robt. W. Laird, Letterkenny; James H. Getty, Belfast, passed with honours. The following also passed: Belfast, passed with honours. The following also passed: Cornelius J. FitzGcrald, Tipperary; Alexander W. Hughes, Dublin; Thos. A. Crooks, Londonderry; Thos. Leahy, Abbeyfeale, co. Limerick; Wm. H. V. McKay, Belfast; Edward F. Guilmartin, Roserea; Wm. J. Nolan, Dungarvan; Patrick J. D'Arcy, Tipperary; Thomas Lavery, Belfast. Nine candidates were rejected. Pharmaceutical Assistant Examination.—Joseph Reid, Belfast; Edmond T. J. Gourley, Dublin; Joseph F. Costello, Galway; Wm. G. Cunningham, Dublin, passed. Two candidates were rejected.

# Legal Reports.

Renewing an Off-licence.—At Newcastle-on-Tyne, recently, Mr. Nicholas W. Robson, chemist and druggist, applied to the Northumberland County Justices for confirmation of an Excise licence granted him at Hexham to sell modicated wines at a show convidence on the bind tradition. firmation of an Excise licence granted him at Hexham to sell medicated wines at a shop carried on by him (trading as Richardson & Co.) at Market Place, Corbridge-on-Tyne, It was stated on behalf of Mr. Robson that twelve months ago he had been granted a licence of the character stated, but that on applying for confirmation the County Justices had ruled that it was not necessary for him to hold a licence, as he was a qualified chemist and druggist. His solicitor, reviewing the circumstances, now mentioned that in Section CXI. of the Licensing (Consolidation) Act, 1910, there were certain exemptions, including one relating to the sale of medicated wines by chemists, but added that this fact in itself did not safeguard the chemists. Letters to the same effect from the Secretary and the Assistant Secretary of the Pharmaceutical Society of Great Britain having been read, and Mr. Robson having given evidence, the Bench decided to confirm the licence, provided that he agreed to supply these wines only on a doctor's certificate.

Supply of Electrical Batteries.— In the City of

London Court, on April 15, before Sir John Paget, Bart, K.C., Deputy-Judge, Mr. Frank J. Unwin, electrician, 6 Lythos Road, Hampstead, claimed 6l. 5s. against Arnold & Sons, surgical-instrument makers, Giltspur Street, London, E.C., for supplying five medical electrical batteries. Plaintiff said that the defendants made certain complaints, and he admitted that some details wanted rectification. He exchanged them and sent five new batteries which were in perfect order. Nothing was said until over a month after, when he applied for the account. Defendants then said they were going to return the batteries because they were faulty. In that time the batteries would have been partly weakened, if not run down, and he refused to have them back because he knew they were in perfect order before they were sent out. Mr. S. C. Supply of Electrical Batteries. - In the City of were in perfect order before they were sent out. Mr. S. C. Peeling, defendants' buyer, said he had been dealing with the plaintiff in electrical coil batteries for some time. When the plaintiff in electrical coil batteries for some time. When he gave the order he gave no price, knowing the present-day difficulties. When plaintiff sent the first five batteries they were badly finished and unsaleable. With each coil there was a slide to increase or decrease the current. In no instance would the slide of plaintiff's coils move. He offered a better price for a better article, but the second lot was worse than the first. Mr. A. Hampton, general manager to the defendants for thirty-five years, said that four out of five of the batteries sued for were unworkable. The platinum points were not in their position, which was vital with a coil battery. Mr. E. H. Willis, electrical engineer, said he had examined the coils, and he considered they were not at all merchantable. The Deputy-Judge said he knew something about electrical batteries. One could not get for 25s. what one might expect for 3l. Judgment for the plaintiff, with costs.

Salicylic-acid Plant Appeal.-The Court of Appeal, consisting of Lords Justices Bankes, Duke, and Atkin, on April 11 delivered judgment in the case of Lennox Foundry April 11 delivered judgment in the case of Lennox Foundry Co., Ltd. v. Whittaker and others upon the appeal of the defendants from a judgment of a Divisional Court in favour of the plaintiffs and reversing a judgment of the official Referee (C. & D., March 29, p. 52). Plaintiffs, who carry on business at New Cross, London, S.E., brought the action to recover from the defendants, who carry on business as the Warrington Drug and Chemical Co., a sum of 2201. in part payment of a plant fixed by the plaintiffs for the defendants for the manufacture of salicylic acid. of 220%. in part payment of a plant fixed by the plaintiffs for the defendants for the manufacture of salicylic acid. Plaintiffs' case was that the arrangement was that the defendants were to pay 50 per cent. with the order, which amount was paid, and the dispute was in connection with the next payment of 25 per cent. on delivery and a third of 25 per cent, when Mr. Lennox of the plaintiff company had shown that the results desired by the defendants could be obtained. The Official Referee decided that the defendants were entitled to judgment on the claim, and also on a counterclaim which they set up for damages for the alleged breach of the plaintiffs' agreement in delivering a plant which was not capable of being worked at a profit. The Divisional Court, however, on the appeal of the plaintiffs on the claim and counterclaim, with costs. Hence the present appeal of the defendants. Lord Justice Bankes, in giving judgment, said the appeal was brought from the decision

of a Divisional Court setting aside a judgment of the Official Referee for the appellants and giving judgment for the respondents for 220%. The Divisional Court had held that the appellants could not in the circumstances take advantage of the guarantee clause which was contained in the contract, but he (his Lordship) did not think the defendants could be debarred from setting up the point that the plant which the respondents had delivered was incapable of producing the guaranteed output. Although he did not agree altogether with the Referee's findings on all points he did agree with the Referee's findings on all points he did agree with the Referee's findings on all points he did agree with the Referee's findings on all to damages on their countract capacity. He thought, therefore, that the appellants had established their right to damages on their counterclaim. He did not think it was necessary to put the parties to the expense of a new trial, as the Court had all the materials on which to assess the damages. He thought the appellants' claim could be fairly met by awarding them the price of an additional still and half the price of an additional autoclave. He agreed with the Referee that judgment should be entered for the appellants in the action. In the view he took of the rights of the parties the respondents were entitled to the deduction of what would still remain to be paid the appellants were entitled to 440% damages, subject to the deduction of what would still remain to be paid had the contract been completely 'fulfilled. Judgment would therefore be entered for the appellants on the claim would therefore be entered for the appellants on the ledim and counterclaim of 10%, with costs on the High Court scale, and the judgment so entered would operate as a discharge of any further liability in respect of the purchase price.

Are Peppermints Sweetmeats?—At the Hove Police

Are Peppermints Sweetmeats?—At the Hove Police Court, on April 10, Maynards, Ltd., Dale Road, Finsbury Park, London, N., were summoned for selling by retail at 135 Church Road, Hove, sweetmeats other than chocolates— 135 Church Road, Hove, sweetmeats other than chocolatesviz., 1 oz. of white peppermints—at a price (4d.) exceeding the rate specified in the Sugar (Confectionery) Order, 1917, dated January 11, 1917, made by the Food Controller. Mr. Roland Burrows, prosecuting for the Hove Food Control Committee, said, that sweetmeats other than chocolates were to be sold at 2d. per oz., and the question to be solved was whether peppermint lozenges are sweets under the Order or not. After the Order was made it was discovered that chemists were selling peppermint lozenges purely for medicinal purposes, and they were an entirely different kind to those sold as sweetmeats. On January 31 Inspector Fox went to defendants' shop and purchased peppermint order or not. After the Order-was made it that chemists were selling peppermint lozenges purely for that chemists were selling peppermint lozenges purely for medicinal purposes, and they were an entirely different kind to those sold as sweetmeats. On January 31 Inspector kind to those sold as sweetmeats on January 31 Inspector kind to those sold as sweetmeats. On January 31 Inspector kind to those sold as the rate of 4d. per oz. The pre-war price was about 2 oz. for a penny or a penny per oz. Inspector Fox said that when he pointed out to the assistant that he was said that when he pointed out to the assistant that he was said that when he pointed out to the assistant that he was sent to great and a part of the purchased lozenges were sent to officer, said part of the purchased lozenges—were sent to officer, said part of the purchased, and the rest ware retience that the purchased other lozenges from a chemist. These and a number were sent to the analyst. These and a number were sent to the analyst. These and a number were sent to the analyst. These and a per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per lb., subject to 2½ per cent. discount. A label per l for a month.

# New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Amos Jones & Co., Ltd. (P.C.).—Capital 1,000l. Objects: To acquire the business of manufacturer of toilet articles earried on by I. A. Jones at 78 Long Acre. R.O., 78 Long Acre, London, W.C.

ARLINGTON CO., LTD. (P.C.).—Capital 1,000l. Objects: To carry on business as manufacturers of and dealers in celluloid products, photographic chemists, etc. Solicitor: G. C. Bingham, Capel House, London, E.C.

Manacol, Ltd. (P.C.).—Capital 20,0057. Objects: To carry on business as producers of oil from the manaca plant, importers, exporters, manufacturers, merchants, etc. R.O., Mark Lane Station Buildings, London, E.C. 3.

Barnsley Chemical Co., Ltd. (P.C.).—Capital 25,000/. Objects: To carry on business as manufacturers of and dealers in ground barytes and other barium compounds, dyewares, chemicals, ctc. R.O., Silkstone Common, near Barnsley.

British Cyanides, Ltd., for confirmation of a proposed alteration of objects came before Mr. Justice Astbury in the Chancery Division on April 15. Mr. Turner, appearing for the company, said that it was a very large concern, with a paid-up capital of over a quarter of a million. There was no debenture debt and the financial position was very strong. The company dealt in chemicals of all kinds and lad wide powers. Machinery and plant to a considerable extent had been obtained during the war,—and it was desired to turn that to good account by extending the objects of the company to embrace the business of metallurgists. boiler-makers, furnace-builders, etc. The Judge granted the petition.

SOUTHALL BROS. & BARCLAY, LTD.—At the annual meeting, held at Birmingham on April 11, Sir Thomas Barclay (chairman of directors), referring to the report and accounts (C. & D., April 12, p. 50), pointed out that a comparison of the returns for the year with those of 1913 showed that the turnover had been increased by more than 400 per cent, and that the profit and loss account is 4,364. 9s. 2d. higher than last year and the credit halance shows an higher than last year, and the credit balance shows an increase in quick assets of 10,238/. 5s. 3d. on the year. Passing on to a general review of the situation during the past year, Sir Thomas said it had been a year of exceptional difficulty for the wholesalo drug-trade on account of the pressing military requirements as regards demands for men and medical and survival requirements. and medical and surgical requirements, complicated by the influenza epidemics. At one period they were compelled to withdraw their representatives from their duties outside to assist the indoor staff in dealing with the enormous rush of husiness from doctors, chamiets and besuits for recording the control of business from doctors, chemists, and hospitals for remedies for the prevailing disease. The remedies in greatest demand were quinine, eucalyptus oil, and linseed meal. Unhappily, the supplies of all these were much restricted, but urgent representations to the Departments concerned ulti-mately made larger quantities available for the trade. The mately made larger quantities available for the trade. lay Press boomed eucalyptus oil as a curative agent and as a prophylactic for influenza, with the result that stocks in this country were soon depleted and exceptionally high prices ruled. Quinine also rose to eight times the pre-war price, until the Army Council took the control of all available supplies in this country, fixed the price, commandeered all consignments, and controlled the distribution. This control still remains in operation, and is in the interests of the whole community, as it has had the effect of keeping the price within reasonable limits. In the early months of the war the shortage of fine chemicals was most acute, but by dint of research, organisation, and enterprise this was overcome, and in 1918 we were independent of Germany for chemical products. Crude drugs, however, such as myrrh, calumba, leptandra, gelsemium, areca nuts, ergot, cascara, etc. (for which we were dependent on other countries), became, in some cases, almost unobtainable. Sir Thomas then referred to the withdrawal from the British Pharmacopæia of all ointments made with lard, camphorated oil, and various other preparations containing edible oils and fats, and the unsatisfactory character of the alternatives suggested by the Codex Addendum Committee. After touching on the spirit question, he pointed out that the signing of the armistice and the cessation of war industries had made supplies of many articles more plentiful, instancing glycerin, pharmaceutical castor oil, spirit, lard, sugar, and olive oil. From the prominence given to cocaine it might be inferred, he said, that the use of these liabit-forming drugs is greatly on

the increase, whereas the sales of cocaine to doctors, dentists, and qualified chemists during 1918 were just one-third those of 1914. Dealing with export trade, Sir Thomas said there had been a large demand for all markets, particularly in had been a large demand for all markets, particularly in surgical dressings, fine chemicals, and druggists' sundries. The difficulties of coping with these demands were alluded to. Principally owing to the curtailment of shipping facilities, South Africa particularly suffered in this respect; but in spite of everything the total value of direct shipments made was higher than in any previous year, also the average value of individual shipments was just about 50 per cent. above that in 1917. The increase in cost of freight and insurances added so considerably to the landed cost of and insurances added so considerably to the landed cost of the goods that these charges amounted to over 62d, per lb. weight on the English cost of the cheapest quality of cottonwool for export to South Africa. It is recognised on all sides that it is imperative in the national and Imperial interests for the export trade to be maintained and developed, so the company have made the necessary arrangements to increase the output of their manufacturers and to cater for the needs of British Overseas Dominions and fercisn countries. The increasing demand for the company's proprietary articles, surgical dressings, and the sanitary specialities, has been extremely encouraging. Developments in Government and banking circles, with a view to assisting the development of the Empire's trade, were then alluded to, as well as the peculiar difficulties encountered in the druggists' sundries department. Incidentally he mentioned that the manager of the department that recently returned from France, where he has been visiting Paris and the Lyons Fair in search of novelties. The speciality or packed goods department had an excellent year, and in regard to cod-liver oil (which is one of the specialities of the house) last year they were only able to manufacture oil under conditions which placed them in the hands of the Newwester Citters. which placed them in the hands of the Norwegian Government as to whether oil could be shipped after its manufacture. They took the risk, however, manufacturing the oil during the fishing season, as they had done for the past forty years, but it was only liberated in the month of December 14 the comment of the North Particles. December. At the company's factory on the North British coast they did remarkably well, being able to maintain the quality and keep their customers supplied with oil for the whole of the year. This season they have been enabled to make oil very much as usual, and the North British Coast factory is also doing well. The prices will probably be high, but, being manufacturers, the company will not be dependent upon the market prices ruling. The year's trade in Vitafer shows that the sales in Great Britain and Ireland are more than 50 per cent, in advance of those of 1917, and the year so far as home sales are concerned is by far the best we have had. The triumph of British resource in overcoming the serious state of affairs caused by the want of glass and porcelain laboratory ware was next mentioned, and Sir Thomas then referred to the subject of the promotion and encouragement of scientific research to meet German competition in the fine-chemical industry—a subject he man competition in the fine-chemical industry—a subject he had urged as long ago as 1912. He outlined the Government proposals in that direction, pointing out that they are not dissimilar to the scheme he put forward in 1916. Continuing, he illustrated the strides already made in the manufacture in this country of chemicals previously exclusively imported, owing to the production of potash from blast-furnace dust. Incidentally he referred to the question of securing permanence to such an industry by preventing of securing permanence to such an industry by preventing its extinction by dumping from those countries where national deposits occurred, saying that the system set up in the dye industry and recommended in the fine-chemical industry seemed to have much to commend it. The manufacture of fine chemicals at home is now well established, and the company manufacture salicylic acid, sodium salicylate, calcium lactate, and other chemicals at their Saltley works, and have also put on the market phenoquin (a complex organic derivative substituting atophan), as well as hippuric acid and hippurates. The laboratories for chemical and pharmaceutical work erected in 1913 have not only fulfilled the original purpose of enabling them to manufacture glycerophosphates, chloroform, etc., but they have also assisted in meeting the greatly increased demand for such chemicals as potassium iodide, resublimed iodine, scale preparations, citrates, hydrobromic acid, etc.—In seconding the adoption of the report, Mr. Thomas Barclay, who is managing director of the Saltley and Broomstrute works worker and areaidly. who is managing director of the Saltley and Broomsgrovo works, referred specially to the pressure on the surgical-dressings branch of the business. During the time of highest pressure the works turned out over 100,000 dressings per day, so soldiers of the Allied Armies wero not reduced to using paper for dressings. To assist in future development a branch of the business had been established in London. The report was adopted, Messrs. A. W. Southall and E. W. Mann being re-elected directors.

# 'Associations' Winter Session.

Aberdare.—A meeting of the Aberdare Valley Chemists' Association was held on April 11, Mr. A. M. Jones in the chair. The Secretary (Mr. T. H. Davies) announced that the sum of 23l. 3s' 6d. had been forwarded to the War Auxiliary Benevolent Fund on behalf of the members of the Association. The Merthyr Tydfil Association wrote inviting the co-operation of the Aberdare Valley chemists in making arrangements for the forthcoming Local Associations Conference. It was decided to give them every assistance. Mr. J. E. Thomas gave an interesting report of the proceedings of the Glamorgan Pharmaceutical Committee meeting, held recently at Cardiff. Mr. Tudor Williams was welcomed on his return after three years' absence on active service.

Birmingham.—The Birmingham Pharmaceutical Associations

Birmingham.—The Birmingham Pharmaceutical Association held a meeting on April 9 to discuss Pharmaceutical Organisation. Mr. H. O. Lloyd (President) occupied the chair. It was reported that the subscriptions from Birmingham to the War Auxiliary Benevolent Fund had now reached 845l. There are still a number of chemists who have not subscribed, and it is bened substantially to increase the total. The agenda of hoped substantially to increase the total. The agenda of the Local Associations Executive Conference was considered, and the delegates (Messrs. Lloyd, Whittock, and Smith) were advised as to the views of the Council. The Chairman dealt with three subjects—territorial representation, educational matters, and the formation of an Industrial Trade Council. He explained the present constitution of the Pharmaceutical Society's Council, referred to an address on Territorial Representation given by Mr. C. Thompson before the Association in 1892, and explained the proposed scheme for the election of the LA.E.C., which may be used as a basis for the election of the Council of the Pharmaceutical Society. Messrs. Mann, Tranmer, Southall, and Shakespear gave their views on the subject, and the following resolutions were carried:

That this meeting favours some form of territorial hoped substantially to increase the total. The agenda of

That this meeting favours some form of territorial representation in place of the method now followed for the election of the Council of the Pharmaceutical Society. That this meeting disapproves of the scheme proposed for the election of the Local Associations Executive Com-

The Chairman then submitted that the educational facilithe Charman then submitted that the educational facilities in Birmingham in pharmacy were insufficient, and informed the meeting that a Committee had been formed (consisting of himself and Messrs. Mann, Rigg, Alcock, and Smith) to investigate and deal with the matter. He explained the Government scheme for training and assisting demobilised men in so far as it affected pharmacy; that he had been appointed to represent pharmacists on the Interviewing Board for Birminghem and surrounding the Interviewing Board for Birmingham and surrounding areas; and that the Pharmaceutical Society is desirous areas; and that the Pharmaceutical Society is desirous that all unqualified assistants who are demobilised men should take advantage of the State aid offered. The Chairman then informed the meeting that the Pharmaceutical Society intended calling a meeting in Birmingham (probably May 14) of pharmacists' assistants, to enable them to form Assistants' Associations, with the object of completing the organisation necessary to obtain an Industrial Council and avoid the imposition of a Trade Board. The subject was discussed by Messrs. Buckingham, Shakespear, Mann, Poole, and Rigg, the preference for an Industrial Council being unanimous. Council being unanimous.

trish C.A.A.—At a special meeting of the Limerick branch of the Irish C.A.A., held on April 9, the following vote of condolence was proposed by the President (Mr. F. Blake):

That we, the members of the Limerick branch of the Irish Chemists Assistants' Association, beg to tender to our fellow-member, Mr. T. Byrne, and relatives, our deepest sympathy on the death of his noble-hearted brother.

The resolution was passed in silence, all present standing.

Lancashire (N.E.).—A general meeting of the North-East Lancashire Chemists' Association was held on April 9, the President (Mr. J. W. 'Aspinall) in the chair. Consideration was given to the Conference of Local Associations. The Secretary (Mr. Fred Law) said the local Associations. ciation had already formulated certain proposals for amending and improving the Insurance service, and these had been forwarded to London. It was decided to be represented at the Conference by either Mr. W. H. Grimshaw or Mr. C. Critchley. Mr. McCarthy referred to the re-

election to the Council of Mr. R. Lord Gifford, J.P., and election to the Council of Mr. R. Lord Gifford, J.P., and said the Association owed him a debt of gratitude for the valuable work he had performed hitherto, and a vote of congratulation on the confidence which he has retained by his reappointment. Mr. Gifford thanked the members for their appreciation, and said if he is spared to complete another term he will reach his majority year as a member of the Council namely treathers were The President. another term he will reach his majority year as a member of the Council—namely, twenty-one years. The President gave an interesting report of the Federation of Lancashire Pharmacists' Association Conference, held at Blackpool, and Mr. C. Critchley (Treasurer of the Conference) said he had invited the delegates to hold their next meeting in Blackburn. This was approved, and as the Association is now entitled to two representatives it was decided to appoint Mr. Jos. Isherwood to attend this Conference along with Mr. Aspinall. It was mentioned that an effort is being made to develop the organisation and to establish it as a Northern Cities' Federation.

Leeds.—A meeting of the Leeds Chemists' Association

Leeds.—A meeting of the Leeds Chemists' Association was held on April 9, the President (Mr. N. N. Armitage) occupying the chair. Mr. F. Pilkington Sargeant, member of the Pharmaceutical Council and Chairman of the Local Associations Executive, instead of giving his usual annual account of his work on the Council to his own constituents in Local space angles on

in Leeds, spoke on

THE PROBLEMS OF THE PRESENT DAY.

He said one of the foremost tasks facing pharmacy is organisation. Many schemes have been introduced at organisation. Many schemes have been introduced at various times, and most of them went into the waste-paper basket. There is, however, quite a definite demand for territorial representation, and whilst this cannot be done on the Pharmaceutical Council without material alteration of the law, the Council have agreed to its being tried as an experiment in the case of the Local Associations Executive, so that, if the coming Conference approve, the country will be divided into six areas, each of which will send three delegates—two elected by the local Associations and one by the panel members. The original proviso, that one of the three must be a member of the Pharmaceutical Council, would not be strictly enforced. The representation at the Conference, too, will be more equitable. Under the new system of representation Leeds will have three representatives, and the West Riding County Association will have seven. Mr. Sargeant spoke on the importance of the Industrial Council or Trades Board proposal, and explained the respective duties of the L.A.E. and the local Associations under any such scheme, and the need for definite organisation of the assistants. The appointment of an Industrial Council in pharmacy will mean the overthrow of various times, and most of them went into the waste-paper Associations under any such scheme, and the need for definite organisation of the assistants. The appointment of an Industrial Council in pharmacy will mean the overthrow of many traditions, but it will mean the upliftment of the drug trade generally. Chemists, however, will have to see that the upliftment is not all on one side, at the retail pharmacists' expense, and, if assistants' wages are to be appreciably advanced, chemists will have to have better remuneration for both Insurance dispensing and ordinary business. As he had promised, in his capacity of Chairman business. As he had promised, in his capacity of Chairman of the Local Associations Executive, that freedom shall be left at the Conference for consideration of this subject, ho would say little about it at the moment, but there seems would say little about it at the mints, should have an increase of 50 per cent. for dispensing. The West Riding Association suggested a flat rate on each prescription—say, 6d. on each item. The new educational requirements will Association suggested a flat rate on each prescription—say, 6d. on each item. The new educational requirements will have an important bearing on the craft, and will do much to eliminate "cramming" and to produce a more efficient man. Such skill, however, will be no good if the remuneration is not sufficient, and so all these things are bound up in one another, and it is not easy to separate, in one's own mind, the functions of the Pharmaceutical Council, the L.A.E., and the prospective Industrial Council. In regard to demobilised soldiers, there has been delay in bringing the scheme of training to fruition, but things are now moving and Select Committees to deal with men of the various professions have been appointed, and include pharmaceutical representation. Mr. Sargeant mentioned that he has been appointed by the Ministry of Labour to represent pharmacy appointed by the Ministry of Labour to represent pharmacy in the Leeds area. The Ministry of Health, continued Mr. Sargeant, might contain a menace to chemists. No scheme Sargeant, might contain a menace to chemists. No scheme of co-ordination of public-health service can fail vitally to interest chemists.—The President hoped the chemists will thoroughly digest the importance of the problems now before the craft, especially the question of the Industrial Council. He was glad pharmaceutical education is really coming into its own, and that knowledge is going to count for more than mere examinations.—Mr., J. H., Beacock expressed satisfaction with the coming of territorial representation. The freedom to select their own men to representation. The freedom to select their own men to represent them on the L.A.E. instead of being bound by the proviso that one delegate must be a member of the Pharmaceutical Council is of great value, because democratic

selection is essential to progress. If chemists are going to have to pay more for their assistants they must have more remuneration for their own work. At first he had feared that a big demand in respect of Insurance work might make the Government endeavour to get it done more might make the Government endeavour to get it done more cheaply elsewhere, but a bigger remuneration will be necessary.—Mr. W. Johnson paid tribute to the work of Mr. Sargeant, and asked what are the probabilities of the admittance of Army compounders and Apothecaries' Hall students to the Register. He thought this will be a great injustice to chemists.—Mr. Peters asked if doctors will have to pay the same rate to their dispensers as chemists must do—Mr. J. Hayes said the Society has the power to accept Apothecaries' Hall students, and possibly the craft will have to accept some of them. He was glad there had been courage enough to waive the rule that one representative of each area on the L.A.E. must be a member of Council. of each area on the L.A.E. must be a member of Council.

The Executive can only gain by this. Whatever else happened, the craft must have an Industrial Council rather than have to join a Trade Board. It is a pity the two subjects of wages and chemists' remuneration are to be considered practically simultaneously, because it is impossible to make a claim on any figures until the wages are known. Had the Pharmaceutical Society instructed local Associations to discuss this matter? It is very urgent, and he thought some such instruction ought to have been given to all Associations.—Mr. A. Riley said he believed a pledge had been given to the Government that Apothecaries' Hall students and Army compounders will be admitted to the Register, so doubtless the Government will have something to say on the metter. The Francisco of the say on the metter of the Francisco of the say on the metter. thing to say on the matter.—Mr. E. Brownbill asked what will be the position of indentured apprentices in regard to remuneration.—Mr. J. Pendlebury complained of laxity in demobilisation of students, who seem to have been left in the lurch whilst all kinds of unskilled people have been released. The support hours of dectors will have the released. The surgery hours of doctors will have to be dealt with.—Mr. Sargeant, in reply, said there is a clause in the Act which enables the Society to admit Apothecaries' Hall students and Army compounders to the Register, but it is optional. At the same time, no doubt some of these will have to be admitted eventually, but, when that is done, chemists' interests will be safeguarded. It is not likely that the men who have become wedded to service in institutions will rush to open shops, and he did not suppose the action will make any appreciable difference to pharmacy as a whole. It is not conceivable that the mass of people who have got Apothecaries' Hall certificates lately can be admitted to the Register. The rate of wages of doctors' dispensers is a matter on which an opinion cannot doctors' dispensers is a matter on which an opinion cannot yet be given. The question of surgery hours is under consideration. The whole tendency is towards shorter hours everywhere, and there is little doubt that drastic action will be taken if necessary. Local Associations have not been definitely instructed by the Society to consider the question of the Industrial Council, because hitherto there has been nothing tangible to discuss, but the L.A.E. is prepared to be the national body for employers, with the local Associations as local agents, and to urge assistants to form their own organisations and appoint their representatives. The position of apprentices will depend on the decision of the Industrial Council. He was surprised at Mr. Pendlebury's complaint as to slow demobilisation, because his own experience indicated that it is proceeding fairly well.—A vote of thanks was awarded Mr. Sargeant.

London (N.).—At a meeting held on April 10, at the

of thanks was awarded Mr. Sargeant.

London (N.)—At a meeting held on April 10, at the Progressive Pharmacy Club, the Vice-President (Mr. C. W. Andrew) in the chair, Mr. Clement W. Ridyard gave an address on Conference Problems. Before dealing with his subject he explained why he had had to withdraw his candidature. Proceeding to deal with the remuneration under the Insurance Act, he characterised it as sweated labour and pointed out that the cost of drugs in Derbyshire is now 1s. 3½d. per insured person. The present method was adopted to avoid the discounting clause, but what happens is that the chemists' bills are discounted before, rather than after. In dealing with the medical institutions which are recognised under the Act, he revealed institutions which are recognised under the Act, he revealed that dispensing is not done under the pharmaceutical supervision which the Act specifies. Also under the mile limit he showed how absurd it is in the working by the fact that in one house were two men, one of whom was dispensed for by the doctor under the mile limit, and the other had to go to the chemist. He laid down the necessity for three fundamental reforms: Regulation of dispensing an medical institutions; abolition of rural areas; the method and amount of remuneration to be fixed by the Conference. He noted that Industrial Councils are not on the agenda, although they involve important matters : Some machinery was required for dealing with wages and salaries; it would also strengthen the employers' hands in dealing with the Commissioners. The whole

question of the clinics would come within their purview and in relation to the needs of the community. He quoted the resolution of the Local Associations Executive, and pointed out that the assistants must be in a trade union in order to be represented.-Mr. Skinner pointed out that In order to be represented.—Mr. Skinner pointed out that assistants must gravitate to their own class, or intelligent co-operation would be impossible. Mr. J. Hearle quoted the dental report showing the difference between the treatment of chemists and doctors with their medical institutions. Mr. Ridyard briefly replied, and a vote of thanks

Was accorded.

London (S.E.).—A general meeting of the South-East London Pharmacists' Association was held on April 8, Mr. E. G. Price in the chair. It was agreed to send a donation of 2l. 2s, to the British Pharmaceutical Conference. The question of dispensing-charges was discussed, and the following resolution carried:

That a recommendation be made to the members of the South-East London Pharmacists' Association that the minimum charge for a 6-oz, or 8-oz, tablespoonful, mixture be 1s. 6d.; that the British and Colonial pharmacists' method of pricing be adopted, together with the word "Bishopgate," as a private mark, and that members be urged to price all prescriptions dispensed.

It was agreed that this recommendation be sent to the London County Executive with a view to its ultimate adoption throughout the London area. The question of profits on C. E. Fulford, Ltd.'s, preparations was discussed, and it was agreed to recommend members not to stock "Kernak" or "Ven-Yusa" shampoo-powders until the proprietors allow a more satisfactory profit on all their preparations. All members are further recommended to charge face values for patent medicines. The meeting discussed Apothecaries' Hall certificates in relation to the The meeting prospect of holders being admitted to the register of chemists and druggists without further examination, and a resolution protesting against any such proceeding was unanimously carried. Upwards of 2l, was subscribed by the members present to the funds of the Early Closing Association.

Manchester. - The annual general meeting of Manchester Pharmaceutical Association was held on April 9, Mr. Joseph Bell (Vice-President) presiding. The Chairman, on behalf of the members, extended a hearty welcome to Miss Sharples, pharmacist, the first lady member of the Association. The Secretary (Mr. T. Miller) read the reports of previous meetings, and said the membership of the Association now stood at 186. The the membership of the Association now stood at 186. The Treasurer (Mr. A. J. Pidd) regretted to report an adverse balance of 11s., chiefly due to stationery expenditure and to the fact that sixteen members had not yet paid their annual subscriptions. The Council were then rc-elected, there being no/contest this year. Mr. A. L. Blain was re-elected Librarian, and Mr. J. S. Breese was elected Auditor, Mr. Hankinson having resigned. Votes of thanks were awarded to the retiring President (Mr. J. H. Nidd), the Vice-Presidents (Messrs. Joseph Bell and A. Hershberg), the Secretaries (Messrs. T. Miller and A. Hershberg), the Treasurer, and the Pharmaceutical Committee.

Salford.—The Salford Pharmacists' Association held their monthly meeting on April 10, the President (Mr. J. H. Harrop) in the chair. The delegates to the Blackpool meeting of the Lancashire Federation of Local Associations gave an account of the proceedings. The agenda of the forthcoming Local Association Conference was fully discussed, and had a mixed reception. The Salford chemists

the formcoming Local Association Conference was fully dis-cussed, and had a mixed reception. The Salford chemists are of the opinion that the present dispensing fees are madequate, also that drugs are often dispensed at a loss when small quantities are ordered in prescriptions. therefore consider that one-tenth of a penny is quite low enough as a minimum instead of one-hundredth of as at present, and that a 50 per cent. increase should be granted on present remuneration. Mr. Simmons was elected to represent the Association at the Conference.

Thames Valley.-A special meeting of the Committee of the Thames Valley Pharmacists' Association was held on April II to discuss what course should be taken with regard to the proposed Trade Board or Industrial Council. The President (Mr. F. Cherry) was in the chair. After-a long discussion the following resolution was passed:

That this meeting decides to support the formation of an Industrial Council, but considers that the individual retailer should be better represented thereon, and that every endeavour should be made to bring this about. It is also of opinion that the Pharmaceutical Society, being a composite body, cannot exclusively represent employers. The President is to take such action as may be necessary, in the name of the Association, in support of the resolution.

# Births.

FISHER.—At 78 Barcombe Avenue, Streatham Hill, London, S.W. 2, on March 27, the wife of P. Fisher, chemist and druggist, of a son.

HAWARA.—At Bulkeley Ramleh, Alexandria, Egypt, on March 12, the wife of Joseph N. Hawara, chemist and drug-

KNIGHT.—At 13 Market Place, Wincanton, on April 2, the wife of A. W. P. Knight, chemist and druggist, of the wife of A. W. P. Knight, chemist and druggist, of the wife of the daughter.

MARSDEN.-At Hodnet, on April 14, the wife of G. H. Marsden, chemist and druggist, of a daughter.

ROWLAND.—At 83 Lewin Road, Streatham, London, S.W. 16, on April 9, the wife of E. O. Rowland, chemist

Walls.—At Otururu, The Strand, Cape Colony, on April 9, the wife of John Walls, pharmacist, of a son.

# Marriage.

TAYLOR-BARCLAY.—At St. John's Church, Bromsgrove, on April 10, by the Rev. H. Noel Patterson, Henry William Taylor, Leahurst, Blackwell, Worcestershire, to Gertrude, daughter of Sir Thomas Parclay, J.P., Ph.C., The Uplands, Blackwell.

# Deaths.

ARMITT.—On April 10, Mr. Arthur Armitt, chemist and druggist, aged seventy-one. Mr. Armitt, who passed the Modified examination in 1869, was for many years in business in St. Giles Street, Northampton.

BEAUMONT.—At Louth, recently, Mr. Percy Beaumont, chemist and druggist (see p. 48). Mr. Beaumont qualified in 1906.

CROOKES.—The funeral of the late Sir William Crookes, O.M., whose death was recorded in our last issue (p. 55), took place at Brompton Cemetery, London, S.W., on April 10. Among the large congregation at St. John's April 10. Among the large congregation at St. John's Church, Ladbroke Grove, W., at which the first portion of the burial service was held, were, in addition to relatives, Sir Herbert Jackson (President of the Institute of Chemistry), Sir Francis Fox, Sir Joseph Thomson, O.M. (representing the Royal Society), Sir William Tilden, D.Sc. (representing the Chemical Society), Sir Lawrence Jones (representing the Society for Psychical Research), the Hon. R. Cleve Parsons (representing the Royal Institution of R. Clere Parsons (representing the Royal Institution of Great Britain), Professor F. Clowes, D.Sc. (representing the Society of Chemical Industry), and Sir Boverton Redwood

(representing the British Science Guild).

ELSTON.—At "The Pharmaeics," Lyndhurst, on April 3, of pneumonia, Mr. William Alfred Elston, chemist and druggist, aged fifty-nine. Mr. Elston was formerly-in New Bread Street and Addie Street, London, E.C.

Bread Street and Addie Street, London, E.C.
GOLIGHTLY.—At the Pharmacy, Chapeltown, Pudsey, on April 12, of pneumonia following influenza, Mr. John William Golightly, chemist and druggist, aged\_fifty-four. Mr. Golightly was well known in the district as a many of many interests. He had been a member of the Pudscy Military Tribunal, and was on the local Insurance Committee. He was also a trustee and a member of the Synod in the Leeds Wesleyan Circuit. Last year he was President of the West Yorkshire Federated Chamber of Trades, and his death is deeply regretted by a wide circle of business colleagues. He is survived by a widow and a married daughter.

JOHNSON.—At 2 Victoria Gardens, London, W. 11, on April 5, Mr. Robert Allen Johnson, Ph.C., aged eighty-five.

MACCARLANE:—At 16 Arundel Gardens, Goodmayes, Ilford, on March 23, Mr. Thomas Buchanan Macfarlane, ehemist and druggist, aged eighty.

Miller.—At 73 Kenmuir Street, Glasgow, on March 28, Mr. Hugh Miller, of J. & J. White, chemists, 13 Morrison Street.

ROBERTSON.—At 6 High Street, Alloa, on April 8, Mr. William Robertson, chemist and druggist, aged sixty-four. Mr. Robertson was a native of Peebles, and served his apprenticeship there with the late Mr. Morrison. He then spent some years with Duncan, Flockhart & Co., Edinburgh. He passed the Minor examination in 1876, and in 1878 commeneed business in Alloa on his own account, subsequently opening branches in Tillicoultry and Kincardine-on-Forth. Mr. Robertson was for many years an elder in Moncrieft U.F. Church, Alloa. He was also President of the Stirling, Claekmannan, and Kinross Counties Pharmaceutical Association during the past two sessions. He took a keen and intelligent interest in the affairs of the Association, and his colleagues will miss his sound advice and judgment. Mr. Robertson was predeceased by his wife many years ago; he is survived by two daughters. The funeral took place at Greenside Cemetery, Alloa, on April 11. Mr. John W. Bennie (Vice-President) and Mr. James Férrier (Secretary) represented the local Association. represented the local Association.

ROLLESTON.—At Glen Parva Grange, Leicestershire, on April 9, Sir John Fowke Lancelot Rolleston, aged seventyone. Sir John Rolleston will be remembered by many chemists as the Master (four years in succession) of the Spectacle-makers' Company. He was member of Parliament for East Herts from 1910 to 1916, and was a prominent

SINCLAIR.—On March 22, Mr. William Austin Sinelair, ehemist and druggist, 7 King's Parade, Church End, Finchley, London, N., aged sixty.

TAYLOR.—At 80 Liverpool Road, Eccles, Manchester, on March 19, Mr. James Taylor, ehemist and druggist, aged

fifty-four.

WALKER.-On April 10, Mr. George John Walker, chemist and druggist, for twenty-six years in business in Guildhall Street, Lincoln, aged fifty-seven. Mr. Walker succeeded to the business of the late Mr. Smith, with whom he had been apprenticed.

Walter, —In London, on April 9, Mr. Arthur James Walter, K.C., 6 Rutland Gate, S.W. 7, and Bryn Goleu. Mr. Walter, whose death by suicide cut short a brilliant career, was called to the Bar in 1885, after he had proved his careety was called to the Bar in 1885, after he had proved his careety was a man of science as well as a lawyer. Id his capacity as a man of science as well as a lawyer. In the conduct of patent cases he had no equal, and this mastery was due in no small degree to the many experiments that he made, especially in chemistry and electricity, in his private laboratory.

# Business Changes.

L. ROWLAND & Co., chemists, High Street, Wrexham, have opened a branch business at Rhos, Ruabon.

Mr. E. Stow Morris, chemist and druggist, has closed

his pharmacy at 16 Rushey Green, London, S.E. 6.
Mr. A. W. Sanders, chemist and druggist, Chard, has opened a branch pharmacy at Budleigh Salterton.

Mr. E. A. Geddes, chemist and druggist, Leytonstone, has acquired the business of Mr. J. J. Thomas, Ph.C., 140 Sydcuham Road, London, S.E.

MR. ERNEST WATERHOUSE, chemist and druggist, has purchased the chemist's business and premises at 21 Topsfield Parade, Crouch End, London, N. 8.

PRONK, DAVIS & RUSBY, LTD., drug merchants, have removed to 119-120 London Wall, London, E.C. 2. The eompany's telephone number is now London Wall 6395.

MR. T. FONSECA, late of Fenseca & Silva (which firm has eeased business), informs us that he has become a partner in Santos & Fonseca, Ltd., Rua da Prata, 108, 2°, Lisbon.

Mr. W. H. Lyne, chemist and druggist, has taken over the business known as Gadd's Pharmaey, 2 Abbey Terraee, Herne Hill, London, S.E., from Mr. Frederick Ellis, chemist and druggist.

Mr. Herbert Pollard, Dawlish, has purchased the business of Mr. Alfred Newton, Ph.C., Christchurch Road, Reading. The sale was effected by Mr. Parkin S. Booth, accountant to the Association of Manufacturing Chemists,

Mr. Allwood Simpson, chemist and druggist, Melbourne Street, Stalybridge, has disposed of his business to his son, Mr. Allwood Simpson, jun., chemist and druggist. Mr. Simpson is retiring after a business career extending over fifty-five years. He entered pharmacy as an apprentice in the business that afterwards became his own.

ALCOHOL.—The National Spirit Office of Germany has rejected the petition of the Union of Liquor-manufacturers and Spirit-dealers of Greater Berlin and the Province of Brandchburg for the release of foreign spirit to make drinking brandy for the civil population, on the grounds that all spirit which it is possible to import must be used to cover the demand for the indispensable technical, lighting, and cooking purposes. and eooking purposes.

# P.A.T.A. of South Africa.

A GENERAL MEETING of the Proprietary Articles Trade Association of South Africa was held in Cape Town on February 20. There were present, among others: Messrs. J. Main (Chairman), Sowden, Petrie, Greenland, Wolfe, Sims, Arvidson, Oldfield, F. Mathew, Peck, Patterson, Hill, Barrow, Sachs, Smith-Houghton, Durrant, and the Secretary (Mr. R. A. Kemp). The Chairman called on the Secretary to read the notice convening the meeting, which showed that the chief business was to consider, in terms of the resolution passed by the Transvaal Branch, and in terms of the recommendation of the last annual general meeting, that Rule 9 of the constitution be altered to read as follows: of the recommendation of the last annual general meeting, that Rule 9 of the constitution be altered to read as follows: "That the annual subscription shall be: (a) For manufacturers, five guineas; (b) for wholesalers, five guineas in each centre where established; (c) for retailers, one guinea for each and every shop owned by a member." The Chairman explained to those present that the last annual general receting had recommended that wholesalers should be compelled to pay a subscription for each centre where established. Further, that the Transval Branch had ressed a blished. Further, that the Transvaal Branch had passed a similar resolution, and also that retailers should be compelled to pay subscriptions for each and every one of their establishments. The Secretary read the minutes of the annual general meeting and those of the Transvaal Branch dealing with the proposed alterations to the constitution. and the Chairman explained that no such alterations could be effected unless ratified at a general meeting of members; tion was raised whether a member paying more than one subscription could exercise more than one vote. Messrs. Petrie and Wolfe explained that originally votes were recorded for every subscription paid, but that as one firm was able to control a meeting this had been altered, and a member could only have one vote in each section to which he belonged. The Chairman stated that there were several mergins to hand and that care from the land and that are the section to which proxies to hand, and that one from Kimberley definitely objected to pay one guinea for each shop. The other proxies contained no special instructions. After full discussion, the Chairman put to the vote whether Article 9 of the constitution be altered as mentioned above. The vote of those present was unanimously in favour of the alteration, and the Chairman thereupon declared it carried. Subsequently there was a discussion on the Commercial Subsequently there was a discussion on the Commercial Relationship with Germany and her Allies after the Declara-

Mr. Oldfield, in opening the debate, said there were four classes of people who looked on this subject from different

1. Those who resolved never to trade with Germany

2. Those who resolved not to trade with Germany for a

definite period after the declaration of peace.

3. Those who are willing to trade with Germany under certain reservations, such as protective tariffs.

4. Those who will resume free trade with Germany as

4. Those who will resume free trade with Germany as soon as it can be resumed.

The speaker said it had often been stated that Germany would have captured all she was out to capture if she had simply pursued her commercial policy for a few years longer. But he then quoted from speeches of eminent men, who held that the war was essentially a commercial one, who held that the war was essentially a commercial one. who held that the war was essentially a commercial as Germany had been considerably over-trading for years on borrowed capital, and was on the verge of commercial bankruptcy at the beginning of the war. They did not look at their war machine as the last resource when all diplomacy the state of the state at their war machine as the last resource when all diplomacy and peaceful penetration failed, but as the final word of diplomacy itself. Germany had organised her manufactures in a wonderful way, and had practically dominated many branches of business. In certain phases of the drug-trado she had appeared supreme, but after four years of war they were able entirely to do without German drugs. In view of this the speaker asked whether they should now open the door to German representatives. He touched on the horrors and crimes the enemy had been guilty of and reminded and crimes the enemy had been guilty of, and reminded those present that the League of Nations would be shut to those present that the League of Nations would be shut to Germany until such time as she paid the penalty of her aggression. Should, then, the door of commerce be opened wide to her? The speaker held that at present Britain should not trade with Germany, but when she had expiated her crimes and become a full member of the League of Nations, and when every Ally was in agreement, then, and then only, should they enter into commercial relationship with the Central Powers. An interesting debate followed. Mr. Wolfe questioned a few points of the first speaker, and doubted very much if Germany had been on the verge of commercial bankruptcy at the beginning of the war. He was content to leave the brains of the Allies to work out Germany's fate, and considered it hard for any individual

authority to give his opinion at this stage. While all were in favour of supporting British industries, he could not blame Germany for having secured the dye monopoly. blame Germany for having secured the dye monopoly. Germany had secured her pre-war commercial position by method and organisation. With regard to German drugs in demand in South Africa before the war, many of these were prescribed by doctors who had received their medical training in Germany. Mr. Wolfe thanked Mr. Oldfield for his patriotic paper. Mr. Sowden heartily commended Mr. Oldfield, and said he considered that Germany had attained her late position partly because wages in that country had her late position partly because wages in that country had been small and working hours long. The workers of Germany as well as other countries were now striking for more pay, and he thought this would help to solve the question. pay, and he thought this would help to solve the question. As a Britisher, ho had made up his mind not to stock any German articles. He would tell his customers so, and would rely on their support in the matter. British interests could be safeguarded by imposing a protective tariff. Germany and America had done this, and we should now do the same. If a German line was essential, admit it; if not, shut it out! Mr. Patterson pointed out that South Africa was the only Allied country that had not cancelled or voided German trade-marks, and thought something should be done in the matter. The position after peace would be that the owners of these marks would benefit by having had them kept alive during the war. Others present also spoke, them kept alive during the war. Others present also spoke, and Mr. Oldfield replied to several questions. The Chairman (Mr. J. Main) reviewed the debate in general, and thanked Mr. Oldfield for his interesting paper.

# Colonial and Foreign News.

INDIAN OPIUM.—The report for 1917 of the Government opium manufactory in the Dutch East Indies states that the stocks of prepared and packed opium had much the stocks of prepared and packed optum had much diminished during the two preceding years. In the course of 1917 these stocks have been built up again. Moreover, about 5 per cent. more than usual has been apportioned to the "Optum Regie" (Revenue Department), so that the total quantity of crude material that has been worked during 1917 was 600 piculs more than in 1916.

EXPORTS FROM JAPAN.—The "Board of Trade Journal" states that the Foreign Office has received a translation of Ordinance (No. 15) of the Government-General of Corea,

which provides that:

which provides that:

Art. 1.—Until further notice, persons wishing to export any of the following medicinal articles must give the following details and obtain a permit from the Chief of Police: name of medicine, quantity, ports of exportation and destination, name and address of consignee and trade name. The same applies to persons wishing to re-export medicines mentioned in paragraph No. 1 below, which are in bonded warehouses.

1. Morphine and other alkaloids of opium, chemical compounds thereof, and medicines containing the same, opium and manufactures thereof, and medicines containing it, hydrochlorate of cocaine.

2. Sulphate of quinine, hydrochlorate of quinine, antipyrin, pyramidon, thymol, santonin, guajacolum carbonicum, radix scopoliæ, sandalwood oil, and radix filicis.

The Ordinance took effect from date of issue (February 5).

The Ordinance took effect from date of issue (February 5).
PROPRIETARIES IN SPAIN.—The "Board of Trade Journal" states that the "Gaceta de Madrid" for March 13 contains a Royal Decree approving Regulations governing the manufacture and sale of phermacourities expecialities in Spain facture and sale of pharmaceutical specialities in Spain. This term is defined to include all medicaments of disclosed This term is defined to include all medicaments of disclosed composition, designated by the name of the inventor or a conventional denomination, put up in uniform packages for sale. Preparations of a composition entirely or partially "secret," as also those described merely as "with base of . . ." are regarded as secret remedies, and their sale is prohibited. No pharmaceutical speciality may be offered for sale unless it has been registered with the "Inspección General de Sanidad." Certain classes of goods are, however, exempted from the formality of registration, including preparations made up strictly in accordance with are, however, exempted from the formality of registration, including preparations made up strictly in accordance with an official pharmacopeia, Spanish or foreign, single elements (non-poisonous) put up in doses, alimentary products (extracts of meat, etc.), preparations for the skin, hair, teeth, etc. (toilet requisites), provided that they do not contain poisonous substances. The Regulations, which are of considerable length, contain provisions dealing, inter alia, with the manufacture and packing in Spain of specialities the property of a foreign inventor; the procedure to be followed for obtaining registration, and the particulars which are to be furnished in this connection; labels, packing, and advertising matter; and (by way of transitory provisions) the grant of a period of two years, within which to conform to the Regulations, to inventors and manufacto conform to the Regulations, to inventors and manufacturers of preparations which are at present being sold in Spain. The Regulations (in Spainsh) are filed at the Enquiry Office of the Department of Overseas Trade, where they may be consulted by British traders interested. they may be consulted by British traders interested.

# London Chemists' Golfing Society:

The general sense of well-being that pervaded the proceedings at the annual dinner of the London Chemists' Golfing Society, held at Pagani's, Great Portland Street, W., on April 10, was of good omen for the future of pharmacy—and of golf. Mr. T. Edward Lescher presided with an ideal admixture of gentality and "drive" (if that is a treatment than a sense of the sense the correct goting term), and kept things going according to programme. Among those present were Mr. W. L. Currie (President of the Pharmaceutical Society), Mr. the correct golfing term), and kept things going according to programme. Among those present were Mr. W. L. Currie (President of the Pharmaceutical Society), Mr. Herbert Skinner and Mr. Hugo Wolff (members of the Society's Council); Mr. W. Browne and Mr. H. Wilson (examiners to the Society), Mr. W. B. Trick, J.P. (Lewis & Burroughs, Ltd.), Messrs. E. Sanger, L.C.C., S. H. Carr, and H. F. Smith (Sangers), Mr. A. R. Arrowsmith (The Apollinaris Co., Ltd.), Mr. Sibley (The British Drug Houses, Ltd.), Mr. L. J. Read, and Mr. W. P. Want. The company numbered 116, of whom twenty-five were ladies. The dimer, which evoked audible compliments, was followed by the loyal toast; and the succeeding speeches (models of their kind) were judiciously interspersed with songs and humorous sketches. In proposing "The Navy, Army, and Air Force," the Chairman referred in eloquent terms to the achievements of the Forces, and quoted "Dulce et decorum est pro patria mori" with great effect. Captain T. W. Theakston, R.E. (Prichard & Constance, Ltd.), in reply, disclaimed the arts of the orator, but nevertheless made the speech of the evening. After a tribute to the late Colonel Harrison, he disclosed the interesting fact that the gas-masks sent over from England were further tested in France before use. The first gas-attack of the enemy was, he said, a relatively slight affair, engineered with 200 small cylinders—the Germans having, apparently, calculated either that we should never retaliate or that the would attain he said, a relatively slight affair, engineered with 200 small cylinders—the Germans having, apparently, calculated either that we should never retaliate or that they would attain their objectives before we could instal our apparatus. In lighter vein; Captain Theakston described a boar hunt in the Forest of Crecy and other forms of sport at the Front, including, of course, golf. The toast of "The Pharmaceutical Society" was given by Mr. A. T. Barritt in a brilliant speech that invited comparisons with the method of Bernard Shaw—and might, indeed, have given that chartered jester points. Referring to Mr. Skinner's reported desire for horse-sense in pharmacy, Mr. Barritt blandly remarked that he had failed to find this article in any work on materia medica, and asked whether it was related to remarked that he had failed to find this article in any work on materia medica, and asked whether it was related to coltsfoct. The laughter and cheers had hardly subsided when Mr. W. L. Currie (minus the Society's chain) rose to reply. Mr. Currie told the company that golfing since the age of eight was the secret of his own perennial youth, and added a short homily on the small-mindedness of chemists and the avoidance of the "stymic." Mr. Hugo Wolff also replied to this toast, chaffing the Golfing Society on the good observance of their fifth rule, which had reference to filling a vacancy in their body. He deftly divided golfers (and others) into three classes—those who hit, those who miss, and those who take up a lump of the green. A ence to filling a vacancy in their body. He defly divided golfers (and others) into three classes—those who hit, those who miss, and those who take up a lump of the green. A song by the President of the Pharmaceutical Society followed, and was received with great enthusiasin. The remaining toasts were "The London Chemists' Golfing Society," proposed by Mr. C. H. J. Tanner and replied to by Mr. W. M. Carmichael, who incidentally challenged Mr. Currie to a mortal contest: and "The Ladies and Visitors," proposed by Mr. W. B. Trick, J.P., and concisely responded to by Mr. Herbert Skinner. An interesting feature of the proceedings was the presentation of cups for the year 1915. These were awarded as follows: (1) Sanger Cup (presented by Sangers), Captain H. W. Bartlett, M.C.; (2) "British and Colonial Druggist" Cup (presented by the proprietors of the paper), Mr. F. Mitchell; (3) Thomson Cup (presented by Mr. C. Thomson), Mr. J. Jones; (4) Hill Cup (presented by Mr. C. A. Hill), Mr. J. Jones; (5) Carmichael Trophy (presented by Mr. Carmichael, Captain of the London Chemists' Golfing Society), Mr. A. Harries. The health of the Chairman was given by Mr. C. T. Allen, and the National Anthem was succeeded by "Auld Lang Syne" as the company separated.

A MEDICAL WITNESS in the recent Rutherford trial stated that the form of skin disease from which the accused (who was ultimately found to be insane) suffered was an inflammation due particularly to formalin. It appeared from further evidence that Colonel Rutherford was at one time an assistant demonstrator in anatomy at the London Hospital, and that the inflammation set up caused his fingers to swell to almost double their usual size, and eventually scemed to affect his general health.

# Trade Notes.

QUININE VALERIANATE is a product of the Cooper Laboratory, Watford.

"Erasmic" Vanishing-cream.—A special window-display offer in connection with "Erasmic" vanishing-cream is made in the announcement in this issue of the Erasmic Co., Ltd., Warrington.

'HALF-CROWN PERFUNES.—Ayrton, Saunders & Co., Ltd., Liverpool, have added "English Iris" to their series of half-crown perfumes. The other perfumes in the group are Sweet Violet, Scotch Heather, and Royal Orchid.

MICROSCOPY STAINS.—Mr. G. T. Gurr, 35 Perrymead Street, London, S.W. 6, sends us his price-list of stains and reagents for microscopy. Mr. Gurr has specialised in this line, and has been supplying his products during the war to the British and Allied Forces.

PEARLITE BOXES.—The Pearlite Box Co. (1918), Ltd., 63 Wallis Road, Victoria Park, London, E. 9, mention the advantages of the "Pearlite" cardboard boxes which they manufacture. The special qualities attributed to the boxes are lightness and strength, together with the fact that they are air- and damp-proof.

THE NUVITE CO., LTD., Norwich, and 133A Charing Cross Road, London, W.C. 2, are the proprietors of Nuvité, a non-alcoholic food wine, suitable for chemists' sale. Containing nourishment in a predigested form, and being guaranteed free from coca and from ordinary stimulants, it is indicated in convalescence and other conditions in which digestion is below par. It is of bright appearance, with a palatable flavour.

AMERICAN EXTRACTS.—The advertisement of J. L. Hopkins & Co., drug-merchants, New York, refers to the supply of solid and powdered extracts as well as other botanical specialties made from American crude drugs. This firm speciatives made from American crude drugs. This firm is able to secure American drug products of the highest quality, from which are made standardised laboratory extracts. Manufacturers who now import crude American drugs will find it far more advantageous to import concentrated extracts, which will save considerably in freight and loss through broken packages.

loss through broken packages.

"Ongarp" Safety-Pins.—George Goodman, Ltd., 80 tc 85 Caroline Street, Birmingham, makers of the "Ongard" safety-pins, are exhibiting at the Peace Nursing Conference on April 28. Visitors to the exhibition are to receive samples of the "Ongard" pins, and there will be shown in addition to the usual sizes safety-pins 18 in. long. The special feature of this brand of pins is the guarded coil, which prevents material catching in it, and as the pins are made of brass, heavily nickeled, rusting is impossible. The advertisements which the company issue to the public state that the pins are to be had from chemists and druggists, who stock them specially for surgical and nursery uses.

# Information Department.

#### INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated. 121/32. "Alpha" iodine com- 121/30. "Amiral" soap; pound 121/32. "Arpaa founde compound supply 124/42. Selson's ointment 119/42. Selson's ointment 119/42. "Truresol" 119/4. "Wild Root" hair tonic supplies

#### INFORMATION SUPPLIED.

Introkwantion Soverlie.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemistr and Druggists. 42 Cannon Street, London, E.C. 4:

Bourjois Java Powder (agents), Foster's kidney pills, 75/40 Gage's Antibilious Elixir, 93/57 Gelatin-coated horse-balls,

Bourjois Java Powder (agents), Bowdlear's wax, 80/63 Bowle's stethoscopes, 103/60 Bristol sarsaparillo, 115/61 and 116/28 British "Prometheus," 73/6 Bromo-quinine, 80/60 Brushes. 101/13 Butler's teething 105/48 teething-necklaces,

105/48
Calcium carbide (packed in tins), 88/43
"Chocoloids," 193/66
Clark's syphon stove, 101/32
Collapsible tube-filling machinery, 100/66
Durkee's ointment, 63/62
Dutch drops, 100/43
"Figsen," 103/56

Gelatin-coated horse-balls, 102/65 "Hygienic" tooth-brush, 66/19 Icilma, 108/41 Ichtosan substitute, 58/64 and 105/51

105/51
Pessary moulds, 108/31
Plenacetin, 73/8
Photographic apparatus, 94/37
"Phytin" powder, 95/13
Transfer labels, 107/71
Urea bromide, 103/36
"Uricids," 105/30
"Urillax," 8/88
"Vernisch," 103/53.
"Venisch," 103/53.
"Vinsip," 82/11
Woodbury's facial soap, 51/39

# Observations and Reflections.

By Krayser II.

## Demobilised, Pharmaceutical Students,

we have been officially told, were to be allowed special facilities for completing their course, and it has now been arranged that they shall receive Government aid in so doing. The way in which this aid may be obtained is set forth in a series of instructions applicable to different classes of men. The first class consists of those who have already "obtained the requisite experience in the business." The question naturally arises, "experience requisite for what?" to which the only apparent answer is "for registration as chemists and druggists." But this suggests inevitably another question or two: (1) if persons possessing this experience still require "a school or college course in the subjects of the Qualifying examination," why do not those apothecaries' assistants who are to be admitted to registration, and whose only claim to it is the experience they have obtained outside our ranks, also require a school or college course? and (2) if they do not require it, why are our own assistants, who have had experience of a superior sort, required to take such a course? Why are they to receive less preferential treatment at our hands than those outsiders? I pause for a reply. May I say in reply to "Fairplay" (C. & D., April 12, p. 70) that I have never based my objection to the admission of apothecaries' assistants on the injustice thus done to already examined men, though I have incidentally admitted that it is an injustice?

### The Progressive Club

having, like the poor cat i' the adage, let "I dare not wait upon I would," has lost all chance of an effective protest against the recent doings and present policy of the Council, and we are left, with a diminished interest in pharmaceutical politics, to the life of the toad under the harrow. If the leaders will not lead, the rank and file will be scattered, and it will be well if wide-spread disaffection does not follow. I do not know on what grounds the men nominated for the Council declined to stand, but it is difficult to acquit them of a certain pusillanimity: in some cases, and this was one of them, it is, as Clough said, echoing Tennyson.

Better to have fought and lost. Than never to have fought at all.

They would not, however, have been defeated; the projected by law admitting apothecaries' assistants to registration provides a cry that would have ensured their victory. It was a unique opportunity, and we have lost it. The result is that

#### Messrs. Skinner, Hines, and Wolff

'are left not only without substantial support in the Council, but (which is far worse) without any authentic mandate from the constituency. They are, in fact, to a certain extent discredited, since their efforts on our behalf have failed to secure any formal endorsement from us: they are left very much in the air, and though I am persuaded that they will not cease from such action as is still possible for them, they will inevitably lack the moral support that the election would have given them, whether our candidates were successful or not. Good work of an administrative kind is still within their power, but all hope of radical reform is for the present gone. We must be content to wait. Meantime what they can still do is evidenced by what is happening with regard to

# The Industrial Council.

The formation of this is now, I hear, virtually assured. Mr. Skinner has got, or will get, his way. A good deal has yet to be settled, but the assistants will certainly get organised into a thoroughly representative body, and the Council will have to keep its hands off matters in which its meddling would be pernicious. Mr. Glyn-Jones himself is driven to urge assistants to join their own Union in such numbers as to ensure its efficiency. It is fair to add that the Progressive Pharmacy Club seems

to have been extremely helpful in this matter, and, disappointed as we are by its lack of courage in the larger political sphere, we may doubtless still look to it with confidence for light and leading in affairs of immediate practical importance.

#### The Present Enthusiasm

for the endowment of science, says a writer in the revived "Athenæum" (the first number of which, by the way, promises brilliantly), is quite likely to prove anything but favourable to purely scientific research, since it is not so much for its own sake as for what may result from its application that science is to be endowed. We do not endow literature or philosophy. Why? Because we do not see of what practical use they are, and it may be presumed that we should be equally indifferent to science were it not for the material benefits we derive from it. Science, however, is to the truly scientific mind as valuable for its own sake as poetry or philosophy is to those who love them; it demands an equal disinterestedness from its followers, and will not yield its ultimate secrets to those who desire from it only material Newton did not, any more than Shakespeare, work for the benefit of the manufacturer and the stock-jobber; it was pure thirst for knowledge that sent him "voyaging through strange seas of thought alone," just as truly as it was the creative impulse alone that produced Hamlet and King Lear. And if any lower motive supersedes this in our future research science will dwindle and decay. There is perhaps some ground for these misgivings, but we may hope, surely, that ulterior motives will not be the only ones at work in the new age.

#### Beech-mast

is, it seems, to be utilised in Germany for the supply of oil, and considering the amount and excellent quality of the oil it yields the wonder is that this source of supply has been so neglected hitherto. We are reminded that nearly 200 years ago the poet Aaron Hill founded a company for extracting it from the beeches of Epping Forest. Like his other schemes, the Georgian plantations, the furnishing of timber for the Navy from Scotland, the production of potash, etc., this came to nothing, but it does not follow that it was in itself impracticable. Hill, though he was a man of some talent and much energy, had apparently a poor judgment. He consoled himself for his loss of fortune, consequent on these schemes, by dreams of his future fame as a poet, but he is now remembered as such by three or four epigrams only, the best known of which is the one on the nettle:

Tender-handed stroke a nettle,
And it stings you for your pains;
Grasp it like a man of mettle,
And it soft as silk remains.

He goes on to say it is the same with men of common nature, and he seems to have found it so with Pope, whom he frightened out of a threatened attack on him in the "Dunciad." He was rather popular in his day, and Samuel Richardson, in a poetical effusion addressed to him, calls him "the Muse's sacred Hill."

### Nickel and Cobalt,

says the reviewer of Mr. Ellwood Hendrick's "Everyman's Chemistry" in "The Times" Literary Supplement, apparently copying from the author, were so named by "old" Paracelsus (who, by the way, was not more than fifty, if so much, when he died), who "found these metals so impish that he called one of them little Nick and the other a Kobold." Paracelsus was acquainted with cobalt, and probably with nickel ore, but is there any evidence that he named them as we know them? The names are both usually said to have originated with the miners of the Harz or the Erzegebirge, who suffered much in their health from the arsenic and sulphur with which cobalt is combined, and were disappointed of the promise of copper which the yellow nickel ore gave them, in consequence of which they called it Kupfernickel, copper of Nicholas, that is, presumably, of "old Nick." Skeat, however, who thus explains the name, doubts the derivation.

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# HAEMORRHOIDS

A NOTE TO CHEMISTS.

Hæmorrhoids are caused by the disordered functions of the system which cannot be corrected by external remedies.

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n announcement of particular interest to you appears in this issue on page iii

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# Editorial Articles.

# The Restrictions upon Increases of Rent.

An Act of Parliament which, after an eventful career in both Houses, received the Royal Assent on April 2, has for its objects the amendment and prolongation of the Increase of Rent and Mortgage Interest (War Restrictions) Act, 1915. Before analysing the provisions of the new Act it will be as well to outline briefly the scope of the original Act of December 23, 1915, which has interested a good many of our subscribers. The earlier Act, which applies only to dwelling-houses of which

either the "standard" annual rent or the rateable value on August 3, 1914, does not exceed 351. in London, 301. in Scotland, or 261. elsewhere, renders any increase in rent made during the war, or within six months after its termination, irrecoverable from the tenant except in certain circumstances. The cases in which an increase in rent is permissible are two: (1) Where a landlord has, since the ontbreak of war, incurred expenditure on the improvement or structural alteration of a dwelling-house, he may increase the rent by an amount not exceeding 6 per cent. per annum on the sum so expended. It is important to bear in mind that ordinary repairs to a house are not an improvement or alteration which justify an addition to the rent. (2) A landlord who pays the rates ordinarily chargeable on the occupier of a house may increase the rent to cover any advance in the rates compared with the rates payable at the commencement of the war. Further protection is afforded to the tenant by restricting the right of a landlord to recover possession of a house so long as the tenant pays his rent and performs the conditions of the tenancy. The cases in which a tenant may be required to leave the premises are (1) where the tenant has committed "waste" (i.e., damage), or has conducted himself in such a way as to be a nuisance to his neighbours; (2) where the premises are reasonably required by the landlord for the occupation of himself, or of some person in the employ of him-\*self, or of a tenant of his; and (3) where some other ground is shown which is satisfactory to the Court making the ejectment order. In connection with the second contingency mentioned it may here be remarked that a short amending Act was passed in May 1918, the effect of which was to exclude the right to eject a tenant in cases where the landlord has acquired the premises since September 30, 1917, otherwise than under a settlement made before that date, or under a will or intestacy. It is interesting to recall that this short amending statute was passed as the direct result of the air raids on London by enemy aircraft, its object being to checkmate the alien and other "bomb-dodgers" who made a practice of buying houses in the safer districts and ejecting the tenants in order to occupy the houses themselves. The original Act also restricts the right of a mortgagee to increase the interest payable on, or call in, a mortgage, but space does not permit of our dealing with the provisions in detail. Turning now to the amending Act passed at the beginning of the present month, we find that the Act of 1915 is continned in force beyond the span originally allotted to it, and is to remain operative until March 25, 1921. However, during the period between the date when the original Act would have otherwise expired (i.e., six months after the end of the war) and March 25, 1921. which is referred to in the new Act as the "extended" period, an increase in the standard rent np to a maximum increase of 10 per cent. is allowed in respect of any dwelling house to which the former Act applies, unless the house is, upon the application of the tenant, certified by the sanitary anthority of the district as being not reasonably, fit for human habitation, or not kept in a reasonable state of repair. It is also provided that as from the passing of the new Act the restrictions imposed by the original Act, as now amended, shall extend to larger premises-namely, to dwelling-houses of which the standard rent and the rateable value exceed the original limits of 35%, 30%, and 26% mentioned above, but of which neither the standard rent nor the rateable value exceeds 70% in London, 60% in Scotland. or 52% elsewhere. In the case of these larger premises also no increase of rent is permissible except up to a maximum of 10 per cent. of the standard rent. It is important to notice that the sanction of a 10 per cent. increase of rents takes effect immediately in the case of the larger houses, but not until six months after the war in the case of the smaller premises. Further, the 10 per cent. increase is additional to any increase which is permissible in the circumstances stated above in discussing the original Act. A concession in favour of the landlord, which was incorporated in the Act when it was before the House of Lords, provides that in the case of a house-let at a progressive rent the maximum rent payable under the tenancy agreement or lease

shall be the standard rent upon which increases shall be based. The short amending Act passed in 1918 as the ontcome of air-raid migrations, to which reference has already been made, is modified to the extent that a person who has purchased a house since September 50, 1917, may be given possession of the house by the Court if, after considering all the circumstances of the case, including especially the alternative accommodation available for the tenant, the Court considers it reasonable to make such an order. The nature of the property to which the restrictions relate is further defined so as to make it clear that the Acts apply to any rooms in a dwelling-house which are the subject of a separate letting. On the other hand, the Acts have no application to houses erected after or in course of erection at the passing of the recent Actthat is to say, on April 2. So far as we are aware, it has never yet been officially decided whether the restrictions regarding rent and eviction apply to a combined shop and dwelling premises, and it is to be regretted that this uncertainty is not removed by the new Act. An entirely new provision found in the Act of 1919 is the limitation of the rent to be charged by the occupier of a house to which the Acts apply in respect of furnished rooms, where the rent includes payment for the use of the furniture. In such cases, if the rent charged yields to the landlord a profit which exceeds by more than 25 per cent, the profit which might reasonably have been obtained from a similar letting in the year ended Angust 4, 1914, the County Court may order that the excess shall be irrecoverable. Amongst the minor amendments effected by the present Act is one which compels a landlord to furnish within fourteen days, at the request of his tenant, a statement as to what is the standard rent of the house. The Act also modifies the original Act in so far as it relates to mortgage interest, but for the reason given above it is impossible to specify the changes in the present summary.

#### The Easter-week Conference.

AFTER an interval of two years, a Conference of Local Pharmaceutical Associations is to be held in London in Easter-week. The Conference was originally designed to afford a platform for the discussion of trade questions. but chiefly those connected with the pharmacentical service under the National Insurance Act. As regards the representative character of the gathering, we do not propose to offer any comments beyond remarking that as by the constitution of the Local Associations Executive the Pharmaceutical Council has a preponderance of members, the Council can thus deflect the "opinion" of the trade in any direction desired. It is understood, however, that it is chemists who are on the Insurance dispensing panel who pay the expenses of the Conference, and that the desire for the control of the Conference by representatives of the Pharmaceutical Committees has not been entirely extinguished. Notwithstanding this we think the Conference may be regarded as representing chemists in a fair manner. There were two conferences held in 1914, and then came the war with its terrible problems to solve, leaving little time for such meetings of chemists. A conference was held, however, in October 1915, so as to come to an agreement in regard to the terms for Insurance dispen-This was probably the best-engineered of the series, as delegates went direct from the Conference to the Insurance Commissioners. The last Conference was held in May 1916, at the same time as the annual meeting of the Pharmaceutical Society. The meeting which is to be held on April 23 and 24 is to take place in the Examination Hall of the Medical Conjoint Board, Queen's Square, Mr. W. L. Curie, President of the Pharmaceutical Society, is to be in the chair. There are about fifty resolutions down for discussion, the subjects ranging over a wide area. Various Associations were invited to send in resolutions, and these, rather skilfully, have been arranged into an ordered agenda, so that overlapping has been avoided. The first section deals with matters connected with the organisation of the Pharmaceutical Society, such as the election of the Council and the Local

Associations Executive Committee. This arises out of the report of the Organisation Committee, and the desire seems to be to make the Council or the Local Associations Executive represent the chemists of the country in a more complete manner than at present. That this can be accomplished on the Organisation Committee's scheme is very doubtful. One Associa-tion suggests that the Pharmaceutical Society should endeavour to obtain control of the whole pharmaceutical service of the country, and limit businesses on the Continental system. It is also suggested that the Society should provide sickness and unemployment benefits for chemists. We do not remember that this subject has been discussed at chemists' meetings, but the weak point of the scheme is the high premium that would be needed to cover the risks which it is proposed to insure. Some of the resolutions appear to be somewhat out-of-date on account of the rapidity with which events move now-a-days, examples being those dealing with trade-unionism, wages regulation, demobilisation, the Ministry of Health, and the Venereal Disease Act. One Association has views regarding the supply of poisons by wholesale houses which does not seem to take into account the fact that the poisons used in medicine are but a part of the large distribution needed for technical purposes. Some twenty resolutions deal with the terms for dispensing under the National Insurance Acts, and mostly reflect the view that the present remuneration needs considerable improvement. The question of rural areas is raised by several Associations, and it will be welcome news to country chemists that city pharmacists are taking an interest in the matter. A reflection of the unsatisfactory nature of the negotiations last year with the National Insurance Commissioners is shown in the demand that in future those who conduct the negotiations shall be panel chemists. It is to be hoped that now that the strain of the war has been lightened, there will be a full attendance of delegates, and that the discussions at the Conference will be fruitful of good for pharmacy as a whole.

### An Assistants' Union.

WE have been taken to task by a correspondent because last week we specifically recommended assistants to join the Amalgamated Society of Pharmacists, Drug and Chemical Workers when there are other unions claiming to include chemists' assistants. What we did was to express our preference for a union, the members of which are all connected with the drug trade, and to this we adhere. The advantage of this course does not need any special pleading to those connected with our trade who know the injustice which from time to time has been inflicted upon chemists by persons or outside bodies who are ignorant of the manner in which the trade in drugs is carried on. Within the past few months a good example of this lack of trade knowledge was furnished by, one of the unions, which professes to be able to act on behalf of chemists' assistants. The union referred to had taken up the case of some drug-packers in a wholesale factory, and it was announced that if the concessions were not granted the "chemists' assistants" would come out on strike. A display of this kind only strengthened our view that persons who profess to act for the chemists' assistants should at least know something more of the drug trade than is obtained by the general public. The Amalgamated Society has registered chemists as its president and general secretary, which fact alone entitles it to claim to represent chemists' assistants far more efficiently than a union of general labourers. The journal we referred to last week as about to be issued by the Amalgamated Society of Pharmacists, Drug and Chemical Workers bears the title "The Drug Trade News and Chemical Workers Gazette." It is to be published monthly (2s. 6d. per annum) at the offices of the Society, 31 and 33 High Holborn, London, W.C. 1. The first number consists of twelve pages, and although it is devoted mainly to propaganda, there are here and there items of general interest. Here is a paragraph that seems to afford a further glimpse of the proceedings of the Industrial Council Conference (C. & D., April 12, p. 51).

Zeal makes people blind to realities. It is recorded that the Pharmaceutical Council, acting under the guidance of Mr. Glyn-Jones, who is the Secretary of the Drug and Fine Chemical Employers, desires to combine assistants in an association, but not a union, for the purpose of having representation on an Industrial Council. When a representation of the union winted the secretary of the union winted to the council. for ten seconds he was nonplussed, and then gasped, "Oh, yes!" Verily, zeal without intelligence is a heavy burden for pharmacy to bear.

We quote this to emphasise the point that for the purpose of representation on an Industrial Council assistants must be combined in a union.

### Training Demobilised Men.

In reference to the Government scheme for assisting in the training of men demobilised from the Forces, which was printed in our last issue (p. 63), we have received several inquiries. These have been chiefly as to where the forms mentioned are to be had. We now give the list of District Directories to which application for forms must be made :-

District London, Kent, Middlesex, Surrey, | Horrox's Hotel, Strand Sussex, Aldershot Command

Northumberland and Durham ...

Cumberland, Cheshire, Westmoreland, Lancashire, and Isle of

Yorkshire, N., E., and W. Riding Derbyshire, Lincolnshire, Not-tingham, Leicestershire, and

Rutland Worcestershire, Vorcestershire, Warwickshire, Gloucestershire, Buchinghamshire, Oxfordshire, Berkshire, Herefordshire, Shropshire,

Staffordshire Cornwall, Devon. Somerset, Wiltshire, Hampshire. Dorset Yard, Exeter.

Norfolk, Suffelk. Northamptonshire, Cambridgeshire, Huntingdonshire. Bedfordshire, bridge. Hertfordshire, Essex

Aberdeen, Argyle, Banff, Caith-

ness, Clackmannan, Elgin, Fife, Forfar, Inverness, The Isles, Kincardine, Kinross, Nairn, Perth, Ross and Cromarty, Stirling, Sutherland

Ayr, Berwick, Dumbarton, Dum-Kirkcudbright, Haddington,
Kirkcudbright, Lanark (with
Glasgow area), Linlithgow,
Peebles, Renfrew, Roxburgh,
Selkirk, Wigtown

Address of Directorate London, W.C. Ministry of Labour, Newcastle-on-Tyne.

77 Shudehill, Manchester.

16 Blenheim Terrace, Leeds.

5 Talbot Street, Nottingham.

41 Church Street, Birming-

6 Bank Buildings, Mary Street, Cardiff.

Queen's Hotel, Leonard Street, Perth.

In answer to other inquiries, we ought to state that it has been arranged that in allotting a school to approved applicants regard will be paid to the proximity of the school to the student's home. Men still serving with the Colours should continue to use Form Z15 in applying for assistance, and in this case it is necessary to notify the Secretary of the Pharmaceutical Society of the date when the form was handed in to the O.C.

#### Cause and Effect.

GOVERNMENT interference with export and import trade may sometimes be necessary, but it often has a disastrous influence in directions that cannot be foreseen. virtual impossibility of buying caraway seeds in this country during the last few years, for instance, is due to our having stopped the importation of cattle fodder into Holland. Caraway-seeds are an excellent fodder after the oil has been extracted, and as other fodder has been almost unprocurable in the country the Dutch Government has been obliged to forbid the export of the seeds.

The consequence is that while we have been deprived of them there is now an accumulation of some 10,000,000 kilograms of the seeds in Holland, though, as another consequence of the lack of foreign trade in them, the cultivation of the caraway has to some extent declined. Here, on a comparatively small scale, we have an admirable object-lesson on a subject of immediate and critical importance just now.

# Poisoning Statistics.

THE eightieth Report of the Registrar-General of Births, Deaths, and Marriages (England and Wales), covering the year 1917, has just been issued. The following is a comparison of the main features with those of the year 1916:

	1916	1917
Population  Marriage rate  Birth rate  Deaths  Poison deaths (corrected figures)  Ratio of deaths from poison	34,500,000 14.9 per 1,000 20.9 per 1,000 508,217 14.4 per 1,000 Accident 135 Suicide 244 Total 379 1 in 1,341	33,711,000 13.8 per 1,000 17.8 per 1,000 498,922 14.4 per 1,000 Accident 121 Suicide 195 Total 316 1 in 1,579

Following our practice, we exclude deaths due to coal-gas, insect-stings, poisonous plants, etc., and give corrected figures for such poisons as are usually sold in pharmacies. The "kind not stated" item is a bar to complete analysis of the record, but after putting it aside a sufficiently just comparison of the three years' figures may be made. The gross totals show that the ratio of poison deaths to total deaths for the year is 1 in 1,579. This is the smallest ratio since 1870, and the actual number, 316, is the smallest since 1866, when the ratio was similar. These comparisons, however, are subject to the drawback that in those two years the "kind not stated" poison deaths were respectively 84 and 71, while the number of uncertified deaths was considerably larger than it is now. More solid ground is reached when the poisons are taken separately. Disregarding those that do not touch double figures in either column, a comparison of the outstanding ones with the respective yearly averages for the period 1882-1916 is of interest. (It may be recalled that it was not until 1881 that the Registrar-General's Reports distinguished between accidental and suicidal poisonings.)

	Neglig Acc	ence and cident	Suicide		
Poison/	1917	Average, 1882-1916	1917	Average, 1882-1916	
Ammonia	5 9 3 2 16 6 2	9.7 25 10.9 3.1 73.9 6 2.4	11 32 26 12 4 26 25	9.8 97.6 43.5 25.9 52.8 53.7 22.3	

If the highest five-yearly period (usually a recent one) in these thirty-five years is taken as the standard of comparison, the figures for the year 1917 appear in a still more favourable aspect; suicides by carbolic acid, for instance, averaged 157.6 in 1897-1901, and those by oxalic acid 97.8 in 1907-1911. None of these seven poisons, in fact, fails to show a material reduction in fatality. Arsenic and strychnine, both of which rose in 1916, have again fallen, it will be seen—the figures for the latter being the smallest in the aggregate since 1863. Suicides by ammonia are the lowest since 1908; those by carbolic acid since 1887; and those by hydrochloric acid since 1895. Accidental poisonings by hydrochloric acid are the lowest since 1885. It is perhaps worthy of mention that the years 1905, 1908, 1915, and 1916 were abnormal in that suicides by opium were higher than accidental opium poisonings. To speculate on the reasons for this and many other puzzling matters arising out of the Report would be an interesting task; but it is safe to say that bold and casual deductions would

be wide of the mark. The more the Reports of the Registrar-General are studied the more evident it becomes how complex a set of facts they present. The full table is appended:

Sonitor 1 _ 1							
1915   1916   1916   1917   1917   1917   1917   A.B.C. liniment	Poison	Negligence and Accident	Suicide	Negligence and Accident	Suicide	Negligence and Accident	Suicide
Acetia cid       3		1	1915		1916	1917	1917
Zinc chloride         -   -   1   -   1   -   1	Acetic acid	1915	1915	1916 2   2 2 4     1 1   1     2   103   2 2 2       1 1         2 3   1     11 2 1 2       2 1 1 1       2 1 1 1 1	1916 —	1917   1 2   1 4 1 2   1 1 1   1 1   1 2 1 1 1   1 2 1 1 1 1	1917
	Zinc sulphate			1 28		1 26	19

<sup>\* 1 &</sup>quot;Kaputine Powders"; 1 "head and nerve powder."

Prescriptions for Narcotic Drugs.—A New York message, dated April 10, states that six physicians and four druggists have been arrested for illicit practices with respect to drugs. It is added that some physicians wrote 200 prescriptions for narcotic drugs in a day.

# Pharmaceutical Society of Great Britain.

### North British Branch.

An evening meeting of the North British Branch was held An evening meeting of the North British Branch was held at 36 York Place, Edinburgh, on April 9, Mr. William Giles, J.P., presiding. Sympathetic reference was made by the Chairman to the loss sustained by the death of Mr. Colin A. Macpherson (C. & D., March 22, p. 57), who for many years had been a regular attender and a frequent contributor to the Society's proceedings and meetings in Edinburgh. burgh.

The first communication was on

SOME HIGHLAND HOUSEHOLD REMEDIES. By Alexander McCutcheon.

The Badenoch district of Inverness-shire, on the northern slopes of the Grampian Mountains, until recent years, was difficult to reach from the outer world. How, then, was illness treated when it visited a household? There were no doctors or drugs, and no transit facilities for bringing them from beyond the mountains. Information has been sought from aged survivors of the native people, and the results from aged survivors of the native people, and the results are in many ways interesting, the remedies employed being confined to the vegetation of the district. The local flora is extensive and varied, and as cultivation is necessarily restricted, vegetation flourishes luxuriantly undisturbed by the hand of man. The medicaments were all "well known and admitted" to possess great curative value. One difficulty was that, while the residents could converse fluently in both Gaelic and English, they could only give the Gaelic names for the plants. In each case the plants were identified by getting the people to bring specimens. These notes come direct from the oldest inhabitants.

tified by getting the people to bring specimens. These notes come direct from the oldest inhabitants.

Lubin Mor or Triberliker,—Menyanthes trifoliata.—Buckbern.—This was the most highly prized medicinal plant used in the district. "Luibh Mor" means "The Great Plant," and "Tribhileach" means "Three-leaved." The root was used as a stomachic bitter and as a tonic in all cases of convalescence and debility. A home-made beer was in use in which buckbean took the place of hops, and was stored away to be used when required. A fresh infusion, about four ounces of dried root to an imperial pint of water, was the most popular form, and of this a wine-glassful was taken generally before meals.

Lus an Calbain or Righeau Cine.—Geranium Robertianum.—Herber Robert.—This was a very popular remedy and highly spoken of. The name means "Plant for the Hives," thus indicating its remedial properties. The entire plant was cut up into emall pieces and infused for about an hour in boiling water. Two ounces of the plant gave one imperial pint of infusion. The dose was adjusted according to the age of the patient, but no maximum dose is mentioned, and apparently it varied according to use and wont. It is difficult to explain why such a pungent smelling plant received such glowing approbation. The volatile oil with which it is impregnated would act as a disinfectant and have bactericidal properties. Despite its odorous drawbacks its reputation as a "certain cure" still remains.

Fitoon.—Stellaria media.—Chickber.—It is believed that the plant which grows on the moors is superior to that which grows in a garden. The plant was used as a poultice, especially in cases of suppurating or inflamed breasts, and was highly spoken of for its soothing and curative properties. The method of preparing the remedy was interesting and instructive. Two stones, one round, the other flat, were kept scrupulously clean. Before or part to be poultied, the luggic retaining the poultice mass in position. The strict adherence to cleanliness is noteworthy and a

Grafan Ban.—Marrubium vulgare.—Horehound.—This plant was the specific remedy for coughs of all kinds. The whole plant, in the proportion of four ounces to an imperial pint of boiling water, was infused for some time, and the demulcent liquid given as a drink. The word "infusion" has been used in describing the method employed in making these preparations. That was the word used by the natives, but the word "decoction" more correctly describes the process in most cases. The plants were boiled for some time in water and the liquid strained through cloth. A sharp distinction was made between a cough and a cold. A cough was not considered serious, and the sick person followed his usual vocation. A cold was totally different. The invalid was kept in bed and given oatmeal gruel, with butter, salt, and pepper, as well as spruce beer (a fermented solution of molasses and spruce twigs), to reduce the fever. It was not until all feverish symptoms had disappeared that any attention was given to the cough. Then the demulcent drink, prepared from the common white horebound, was given, truly an excellent, hygienic method of treatment. GRAFAN BAN,-Marrubium vulgare.-Horehound.-This plant was method of treatment.
STAM-LUS (The Healing Herb).—Plantago lanceolata.—Plantain.—

STAM-Lus (The Healing Herb).—Plantago lanceolatu.—Plantain.—
The entire leaves of this plant were largely used in the fresh state
as a styptic for small wounds and abrasions. The longest blades
were taken and applied to the wound, and gave great relief,
stopping the bleeding quickly.

Dockan.—Rumex obtusifolius.—Dock.—The thick root stock was
cleaned and peeled. The fibrous tissue was crushed into a pulp
and the succulent mucilaginous poultice which resulted was
applied to allay the local inflammation caused by the sting of the
bee or nettle. The large percentage of water in the root, kept
in suspension by the alhuminous matter, has a soothing and
cooling effect upon the inflamed surface, which by the slow
evaporation of the water is continued for a considerable time.
The poultice was kept on for about four or six hours, and
repeated until the swelling and inflammation had disappeared.

The bulk of the remedies of these old times were of the

The bulk of the remedies of these old times were of the The bulk of the remedies of these old times were of the simplest nature. The mixing together of various herbs to produce either an elegant or a palatable preparation seems almost unknown. There is one exception which suggests one of our official ointments. It was composed of beeswax, hog's lard, and resin, the latter obtained as an exudation from the stems of various species of *Pinus* growing in the neighbourhood. The plaster was spread on linen in squares about four inches each way and with a margin of about an inch. They were used for boils and sores.

DISCUSSION.

Mr. John Gilmour said he had recently been reading Graham's book on "Social Life in Scotland in the Eighteenth Century," and many of the remedies mentioned there indicated a much more barbarous treatment than anything suggested by Mr. McCutcheon.

Mr. LOTHIAN said recent investigation into the properties of such a common herb, for example, as comfrey, suggested that some of these indigenous domestic remedies were deserving of further consideration. It was remarkable that in Britain these common indigenous medicinal plants had

fallen into disuse.

Mr. Wilson said the reference to the dock or dockan indicated the origin of the popular practice, which still prevails, of applying the leaf of the dock to the sting of a

The next paper was

PRECIPITATION OF ALKALOIDS BY LIQUORICE.

By J. W. Plenderleith.

The following prescription was dispensed:

On the bottle being returned to be refilled a deposit was observed. The few drops of liquid remaining did not taste so bitter as was expected, and the bottle did not appear to have been washed out. Mr. Plenderleith then described, in detail, his experiments, which showed that the alkaloid is detail, his experiments, which showed that the alkaloid is almost completely precipitated. Similar results were obtained with quinine, and apparently the precipitate consists of glycyrrhizinate of the alkaloid, which is insoluble. These points need further working out in detail. Meantime enough is proved to warrant the conclusion that liquid extract of liquorice is not a suitable flavouring agent for masking the bitterness of strychnine or quinine. The mixture which originated this note is an example of a dangerous incompatibility. A commercial B.P. liquid extract was tried and found to act exactly the same as the cold infusion with which the experiments were made.

#### DISCUSSION.

Mr. Box said this was an eminently practical and useful He had, of course, been well aware, for a long time, that there was an incompatibility between liquid extract of liquorice and alkaloids, but he never troubled to make any detailed investigation. He had never seen any published statement indicating that precipitation of the alkaloid was so complete as Mr. Plenderleith indicated. He had conclusively shown that the precipitate might in some circumstances be a danger.

Mr. LOTHIAN said Hager in 1887 published a description

Mr. LOTHIAN said Hager in 1887 published a description of quinidin glycyrrhizinate, for the making of which he gave a process and also gave the chemical formula.

Mr. Cowie said he hardly thought Mr. Plenderleith's investigation was on the right lines. He had had considerable experience with alkaloids in acid solutions. Those which only remain in solution with excess of acid, such as strychnine and quinine, are precisely the ones which most readily cause precipitation of glycyrrhizin from extract of liquorice. liquorice.

Mr. Ellior said it was noticeable that it seemed always

to be with chlorides that precipitation had been observed.
Mr. Hill said he did not think the difference in precipitation was due in any way to excess of acid. It rather seemed as if glycyrrhizin furnished a means of classifying alkaloids, and the behaviour was in some respects analagous to what they found in the case of tannic acid. Although it happened that most of the salts employed were chlorides, he had found that infusion of liquorice or extract of liquorice also precipitated sulphates and acetates, so that it would appear to be a real case of double decomposition.

Mr. PLENDERLEITH, replying, said he had experimented with something like eight different liquid extracts of liquorice. The important point, which Mr. Cowie rather overlooked, was that the alkaloid was precipitated, as shown by the fact that, after treatment with infusion of liquorice or extract of liquorice, the filtrate gave practically no reaction with Mayor's reacout.

no reaction with Mayer's reagent. The next communication was a

#### NOTE ON SODIUM SALICYLATE

by the same author, who said that the last time a dispensing solution of sodium salicylate of strength 1 in 2 was prepared the sodium salicylate set like plaster of Paris on the pared the sodium salicylate set like plaster of Paris on the sides of the measure. Heat dissolved it, but, within twenty-four hours, there appeared a good crop of very large crystals not unlike crystallised Rochelle salts. On making a dispensing solution of a strength of 1 in 3, the solution deposited, after a time, similar large crystals, of which a sample was shown. The B.P. 1914 notes that a solution of sodium salicylate 1 in 1 of water, when allowed to stand, is liable to deposit crystals of the salt containing 6 molecules of water of crystallisation. This was pointed out by Mr. C. A. Hill some years ago. But apparently with some samples of sodium salicylate, or under certain conditions, such crystals may be deposited from a 1 in 2 or even a 1 in 3 aqueous solution.

There followed a short paper on

#### LIQUID EXTRACT OF MALE FERN EMULSION.

By George Elliot.

The liquid extract of male fern in stock being fairly thick and difficult to manipulate, it was thought the process of emulsifying might be hastened by thinning the extract with olive oil. The medical practitioner said there could be no objection in doing so. If the extract is of a thire consistency it can be readily mixed with the oil in the mortar. But, if at all stiff, solution is best effected by warming with a gentle heat over a Bunsen flame. Olive oil, equal to four times the quantity of liquid extract of male fern, was used as giving the best result, but the amount of olive oil necessary has to be determined according to the consistency of the liquid extract. Emulsification is effected by means of powdered gum acacia in the usual manner. The following is a typical formula with a stiff sample of liquid extract: The liquid extract of male fern in stock being fairly

Ext. filicis liq. ... · 5ss. | Pulv. acaciæ ... Aq. cinnam. ad ... ... ʒij. ...

By the addition of olive oil a good and fairly permanent emulsion can be quickly and efficiently made. According to literature on the subject no one scems to have suggested the addition of a fixed oil as in the above formula.

#### DISCUSSION.

Mr. Boa congratulated Mr. Elliot on his skilful adapta-tion of the process of adding a little fixed oil. The plan was one which, from time immemorial, had been adopted in emulsifying certain resinous substances. He had frequently employed almond oil, but not for liquid extract of male fern. He considered the result would be, not only a more presentable emulsion, but also a better preparation pharmacologically. pharmacologically.

Mr. GIMOUR said recently he had occasion to prepare a considerable quantity of emulsion of male fern for use in veterinary practice. The sample he employed did not seem to be so thick as that mentioned by Mr. Elliot, and he had got quite a satisfactory emulsion by first rubbing up the extract with powdered acacia and then adding some mucilage of acacia.

Mr. Stout said he could confirm Mr. Elliot's results. He had tried liquid paraffin and found it quite successful.

Mr. Wilson said he had found that milk was quite a

Mr. WILSON said he had found that milk was quite a good vchicle when used along with acacia.

Mr. Cowie said he had found that castor oil was better than olive oil, and gave a finer emulsion. It was also quite an appropriate addition. Present supplies of liquid extract of male fern were not of the same quality as pre-war supplies, and might be more difficult to manipulate.

Mr. J. Rutherford Hill then gave a

#### NOTE ON SULPHURIC ACID.

During the recent cold snap a sample of strong sulphuric acid, which had been purchased and used as pure sulphuric acid, was observed, on the laboratory shelf, to be apparently crystallised. The crystals were subsequently found to be ammonium sulphate, but how the contamination arose is a mystery. mystery.

The same author also gave a

#### NOTE ON AROMATIC SPIRIT OF AMMONIA.

For a special purpose a quantity of aromatic spirit of ammonia was prepared, without distillation, and omitting the oils of lemon and nutmeg. After standing, a large number of very small, glistening acicular crystals formed. A large maker mentions that, twice recently, he has observed a similar separation after the addition of the ammonium carbonate. It would be interesting to know if any other worker has observed a similar phenomenon, and also if anyone has examined the crystals.

A communication was submitted on

A communication was submitted on

# THE SUPPLY OF EMERGENCY MEDICINES.

By Peter Boa, Ph.C.

The subject of the supply of medicines for cases of emergency which occur outside the ordinary business hours of pharmacists has recently been raised both by members of the public and of the nuclical profession. During the influenza cpidemic, which repeatedly passed over Edinburgh during the past nine months, pharmacists worked burgh during the past nine months, pharmacists worked early and late, weekdays and Sundays, and, so far as evidence from various organisations indicate, there appear to be no instances of a real emergency case failing to obtain the necessary medicines or appliances. There are always persons who have a perverted method of conducting a search for anything in an emergency, and complaints of difficulty seem to have emanated from one or more of such persons. Recently the local branch of the British Medical Association approached the Society, alleging that the difficulty of obtaining drugs after closing-hours and during the night is undoubted, and making a series of suggestions for consideration. While this approach has no doubt been prompted by well-meaning motives, it rather savours of unconsidered intrusion into affairs which are moving along quite satisfactorily under the guidance aro moving along quite satisfactorily under the guidance of those who understand them. In nine cases out of ten of those who understand them. In nine cases out of ten the patient has had to wait much longer for the visit of his medical adviser than for the medicine which is prescribed for him. In Edinburgh, shortly, chemists will be brought under a Closing Order for 7 o'clock each day, except Saturday; when the closing-hour will be 8 o'clock. The half-holiday on Wednesday has proved a blessing to those engaged in pharmacy, and no less good results may be anticipated from the new Closing Order. In view of the curtailment of búsiness hours that will ensue, it has been thought advisable to discuss the matter of the supply of drugs in cases of emergency arising out of hours. At the present time the relations of those who practise medicine and those who practise pharmacy are as amicable as they have ever been, and it is well that co-operation and friendliness should continue. Provision for supplying emergency medicines has always existed in co-operation, and friendliness should continue. Provision for supplying emergency medicines has always existed in Edinburgh, Military Service and scarcity of assistants have caused a decrease in facility in recent years, but, as conditions of business gradually approach the normal, no doubt such deficiency will be reduced. But an important principle is involved. A duty devolves upon the dispenser of medicines to place his services, whenever available, at the disposal of persons requiring his aid. He cannot be always at hand, but, like the medical practitioner, he can attend to messages on his return. The suggestion that he should remain in his shop an hour or two after closingtime is not logical. To obtain an early closing-hour and then deliberately throw it away would not be a wise prothen deliberately throw it away would not be a wise procedure. While the old order of long hours existed reluctance to turn out after having settled down at home was pardonable. With a shorter and more reasonable hour of business a cheerful acquiescence in the requirements of the sick may readily be expected. He thought it might safely be left to the individual to meet the necessities of his surroundings.

#### DISCUSSION.

Mr. NIGHTINGALE said the pharmacist was resolved to have shorter hours, and he did not see why they should be called upon to supply such a thing as a seidlitz-powder at 11 p.m. If an urgent medicine were required after hours the case was different. He did not think the suggestion of district dispensaries was really a necessity.

Mr. Mulk said there was no place in Edinburgh where it could be said there was any real hardship in getting

medicines at any time.

Mr. CLARK said, if the proposed-meeting with the doctors took place, a good many things would require to be said, as many of the calls made out of hours were needless and wholly unnecessary.

Mr. Wilson said that in Burntisland chemists and

doctors eo-operated.

Mr. RowLind said he knew a town where there were six ehemists, in which, by arrangement, two in rotation remained in attendance on the Wednesday afternoon from 6 to 7 or from 7, to 8 r.m., and the other chemists who were closed exhibited a card in the window to that effect.

Mr. PLENDERLEITH said in Montrose all the chemists had their addresses on the door, and no practical difficulty

arose.

Mr. WALKER said, as locum, he had had a pretty extensive acquaintance with the conditions throughout the country. This trouble about dispensing medicines out of country. business hours would never be remedied until they could get some unanimity among the chemists.

Mr. Tainsh said the difficulty in Edinburgh had arisen through the fact that Duncan, Flockhart & Co. had given up night attendance at their West-End establishment.

Mr. Hill said they must resolutely stand by the policy of securing the great boon of shorter hours of business. This difficulty about supply of medicines had been brought up all over the country, and specially in connection with the most laudable movement for obtaining Closing Orders applicable to chemists' shops. In some instances members of Insurance Committees had attempted to force such an interpretation of the chemists' agreements as would compel them to keep open till a later hour. Now that working-men were to be free at 5 o'clock the old excuse would not hold, and there was room for suggesting that the practice of medical men in going on a round of visits in the evening should be modified.

The last paper dealt with

THE WAR EMERGENCY FORMULARY AND THE SALE OF FOOD AND Drugs Acts.

#### By J. Rutherford Hill, Ph.C.

Certain proceedings in the Birmingham Police Court have certain proceedings in the Birmingiam Police Court have attracted a good deal of attention among Scottish pharmacists. A chemist was prosecuted by the local authority under, the Sale of Food and Drugs Acts for selling as camphorated oil a preparation containing camphor 22 per cent., olive oil 55 per cent, and yellow liquid paraffin 23 per cent. It was virtually admitted by the prosecution that camphorated oil made with olive oil had no special efficacy making it medicinally superior to camphorated oil made with yellow liquid paraffin. It was also admitted that the elemist did not charge the price of the 1914 B.P. camphorated oil, but the price of the War Emergency Formulary camphorated oil made with yellow liquid paraffin. It was also admitted that while the sample was being divided at the time of purchase the chemist distinctly said to the purchaser, "It is not B.P.; it is half and half," and that the ehemist showed the purchaser the price-list, indicating that he was selling him camphorated oil not made with that he was selling him camphorated oil not made with pure olive oil. Nevertheless, the Magistrates convicted the chemist and inflicted a penalty of 2l. It is a very serious matter for any honest trader to be placed in such a position, but it is very specially grave in the case of a pharmacist in whose good faith the community must have implicit confidence. The prosceution attempted to make much of the fact that the chemist's local Association, merely as a precautionary measure, had advised chemists to attach an explanatory label to the bottle in selling camphorated oil not made with pure olive oil. It is difficult to see why the chemist did not get the benefit of the protection provided by Section 8 of the Sale of Food and Drugs Act, 1875, under which it has been held that the seller may effectually protect himself by giving the purchaser notice verbally at protect himself by giving the purchaser notice verbally at the time of sale, and that giving notice by label is not imperative. This was decided in Sandys v. Small, in which Lord Chief Justice Cockburn said: "Section 8 provides a mode by which the seller may insure himself against the possibility of the enactment operating to his prejudice. If he delivers the label he protects himself against the possibility of being charged with an offence under the Act. If

he does not, then I think it is incumbent upon him to prove that by some other means the purchaser had notice of what ho was purehasing. If the seller can show that he had such notice, then I think no offence will be committed, because the sale will not be 'to the prejudice of the purchaser.'" The admissions of the purchaser in his evidence chasei." The admissions of the purchaser in his evidence amply prove that the chemist gave due notice that what he sold was mixed. It was also clearly proved that the admixture was, as the section requires, non-injurious and not intended fraudulently to increase the bulk, weight, or measure, or to conceal any inferior quality of the article sold. It is to be noted that the standpoint of the prosecution is that it was an absurdity to regard the withdrawal from the Pharmacopæia by the General Medical Council under the provisions of the Medical Act, 1858, and the Medical Council Act, 1862, as removing the obligation to sell according to the B.P., 1914 (that is, made with olive oil), unless the eontrary was declared. The public analyst makes the extraordinary assertion that the "London Gazette" notice, issued by the General Medical Council, was intended for the guidance of prescribers and dispensers, and was not for the guidance of prescribers and dispensers, and was not intended to apply to general sales to the public. The Sale of Food and Drugs Acts must apply to camphorated oil equally whether sold with, or without, a medical prescription. But even taking the ease on the prosecution's own showing, the chemist seems to have been wrongly convicted. The prosecution apparently contends that the action of the General Medical Council is really inept, and gives no relief such as was expected and intended, and that camphorated oil, which is chiefly sold without prescription, must continue to be made with olive oil. Such a view would obviously frustrate the policy of the Government designed to conserve supplies of olive oil for food purposes. But it is open to challenge. There may be difference of opinion as to the wisdom or expediency of the General Medical Council's action, both in regard to medicaments containing glycerin and sugar on July 27, 1917, and also in regard to medicaments containing or made with oils and fats on March 29, 1918. It would certainly have been a distinct showing, the chemist seems to have been wrongly convicted. March 29, 1918. It would certainly have been a distinct advantage had they first consulted the Council of the Society representing pharmacists, who are so much affected by any such action, and who could have given invaluable expert advice. But undoubtedly the effect of their action was lawfully to establish a new edition of the British Pharmacoporia, and to cancel the British Pharmacoporia, 1914, in so far as it was altered or amended. The incident illustrates the need for an expert Advisory Board, as has frequently been suggested, to which all cases such as this should be referred before proceedings are instituted. - Votes of thanks closed the proceedings.

# Examinations in London.

We have received from the Registrar of the Pharmaeeutical Society of Great Britain the following list of persons who were granted Major and Minor certificates respectively at the recent examinations held in London:

MAJOR EXAMINATION.

Boyes, Geo. R. Pearse, Penclope B. Pearson, Constance E.

Warner, B. T. Woodward, Elsie Yapp, Dorothy

#### MINOR EXAMINATION.

Annal, Graee E., Melksham Anteliffe, Louie, Sheffield Bradbury, Hilda G., Cardiff Brecknell, Frank, Urmston Bright, William, Crewe Cole, John S., Bayswater Davies, Jessie M., Kington Davies, John, Aberaman Davies, Naunton, Ynysybwl Dunean, Jeannette, Derby Dunsky, David, Leeds Dunstan, T. E., Redruth Flint, May B., Manchester Fowler, T. J., Barry Doek Franklin, L. D., Brighton Harvey, Mabel F., Streatham Haworth, Edmund B., Richton Hibbins, H. S., Colwyn Bay Higgs, S. C., Kingston-on-Thames

Thames Hopewell, Annie E., Manchester Hughes, D. R., Chester Johnson, Harry S., Manchester Jones, Mary M. L., Winchmore Hill

Kent, Stanley V., Swansea Khalil, Ahmed, Liverpool King, C. W. A., Enfield

Linthorn, John J., Denmark Hill
Lloyd, Richard, Cardiff
Lumb, Edgar, Triangle
Martin, Walter, Hereford
Mulligan, A. K., Market Deeping
Pavne, Beniamin, Tideswell
Perry, F. G., Highbury
Plaskett, H. J., Oadby, Leieestershive.

shire Price, A. H., Birmingham Radeliffe, Constance C., Douglas,

Richards, Vera A., Bromley Ridgeway, Elizabeth, Liverpool Saul, Louisa E., Darlington Smith, W. S., Wolverhampton Snow, Cyril B., Kennington Southworth, Letitia H., Rotherham

ham Thomas, Doris, Godalming Trembler, Edith M., Oxford Turnbull; A.W., Wellingborough Vockins, Ruth M. C.; Bath Waterman, W., Holbeach Webber, F. H., Honiton Wildman, Frank, Nottingham

# Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

THE BUDGET.

It was announced in the House of Commons last week that the Chancellor of the Exchequer will bring in the Budget on April 30.

TABLE-WATERS TAX.

The Chancellor of the Exchequer, on April 14, stated in the House of Commons that in fixing the rato of duty of sweetened table-waters at 4d. per gallon, as compared with 8d. per gallon on unsweetened, the fact that duty was charged on the sugar used in its production was taken into account. The margin of difference is more than sufficient to compensate for the duty on the raw materials used in the manufacture of the sweetened article, and he did not admit that any hardship exists.

SPIRIT CLEARANCES.

SPIRIT CLEARANCES.

The Chancellor of the Exchequer stated on April 9 that clearances of spirits from bond, on payment of duty are allowed to any person at a rate not exceeding 75 per cent. of his clearances in 1916, but under the provisions of Section 15 of the Finance (No. 2) Act, 1915, the Commissioners of Customs and Excise have been authorised to refuse for the present to allow deliveries in advance, except as regards the month of April, the proportion for which (i.e., one-sixth of the six months' supply) may be cleared at any time during the month as may be desired.

PRIVATE BROWN.

Mr. A. Shortt, on April 10, asked the Secretary of State for War whether he is aware that the demobilisation papers of Private D. Brown, No. 91,920, dispenser, 20th Stationary Hospital, Salonika, as a pivotal man, went through the headquarters last December, but that no action is being taken for his release, and whether he will have inquiries made into the case before Private Brown is sent Russia.

Mr. Churchill, in reply, said that Private Brown is not registered by the War Office either as pivotal or for special release, and he (Mr. Churchill) has been informed by the Minister for Labour that Private Brown is not so registered by his Department. If, however, this man is eligible under current instructions, he will, no doubt, be released as soon as circumstances permit.

# **British Pharmaceutical** Conference.

A MEETING of the Executive Committee of the British Pharmaceutical Conference was held at 16 Bloomsbury Square, London, W.C., on April 9, Mr. W. A. H. Naylor in the chair. There were also present Messrs. F. Ransom, E. Savillo Peck (Vice-President), D. Lloyd Howard (Hon. Treasurer), H. Deane, F. W. Gamble, C. H. Hampshire, F. W. Crossley-Holland, A. R. Melhuish, H. Skinner, with H. Finnemore and R. R. Bennett (Hon. Secretaries).

The death was reported of the following members of the Conference.

Conference:

Mr. S. R. Atkins, J.P., of Salisbury; elected in 1865; Senior Past President; Vice-President in 1884; President

Mr. J. H. Matthews, of Leytonstone; clected in 1913; member of local Committee when Conference visited

London in 1913.

Mr. Victor Say, of Benalla; elected in 1903. One of the delegates from the Pharmaceutical Society of Australasia who attended the jubilee meeting in 1913.

The sympathy of the Executive Committee with the relatives of the deceased gentlemen was expressed by Mr. Naylor, who paid special tribute to the character and work of Mr. Atkins.

THE LONDON MEETING. - In submitting the report of this Sub-Committee Mr. Finnemore intimated that the following programmo had been provisionally decided upon:

Monday, July 21: Reception and concert at the Hel-

Tuesday, July 22: Lunch on and dinner at the Holborn. Wednesday, July 23: Luncheon and concert at the Holborn.

Thursday, July 24: Excursion into the country; smok-

ing concert at the Holborn.

The Presidential Address will be delivered by Mr. William Kirkby, M.Sc., F.C.S., Manchester. Mr. Finnemore stated

that a fair number of papers had been promised for the Science Section, and it was hoped that two full sessions would be arranged. It was decided that, as a tribute to the work of the late Lieut. Colonel E. F. Harrison, C.M.G., a Harrison Memorial Lecture should be delivered at the annual meeting, and that Mr. Francis H. Carr, Nottingham, be invited to give this lecture.

SUBSCRIPTION INCREASED.—The report of the Finance Sub-Committee was submitted by Mr. Bennett and accepted by the Executive. The chief items in the report are the

following recommendations:

(1) That at the next annual meeting of the Conference Rule II. be altered to read "The minimum subscription shall be 10s. 6d. annually, which shall be due in advance upon January 1."

(2) That the price of the "Year Book" to non-members shall be raised from 10s. to 12s. 6d.

(3) That an attempt be made to increase the sale of the "Year Book" to non-members by the insertion of twelve quarter-page advertisements in "The Analyst." It was further suggested that a letter pointing out the value of the "Year Book" as a book of reference should be addressed to the secretaries of certain learned Societies, Universities, and schools, and to contain elemined manuscripts. Universities, and schools, and to certain ehemical manu-

(4) That an attempt should be made to increase the number of advertisements in the "Year Book."

Sub-Committee consisting of the President, W. A. H. Naylor, the Hon. Treasurer, and the Hon. Secretaries was elected to nominate officers for 1919-20.

Mr. C. E. Corfield, London, was elected a member.

# Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

# Reports from Local Centres.

ENGLAND.

Rent.—The Insurance Committee met on April 9, Mr. C. Igglesden presiding. The Finance and General Purposes Sub-Committee reported that they had received details of the expenditure by the Pharmaceutical Committee for the year 1918, amounting to 372! As. 4d., as against an estimated amount of 450!. They had authorised the Clerk to apportion the balance of estimated expenditure between the various chemists in proportion to the total amount of the payment made to them for the medical year. In regard to the statutory levy for 1919, the Sub-Committee reported that the Insurance Commissioners had consented to the payment of the administrative expenses of the to the payment of the administrative expenses of the Pharmaceutical Committee out of moneys available for the provision of medical benefit in accordance with the estimate approved by the Committee at their previous meeting. One name has been added to the list of persons supplying drugs and applianees, and two withdrawn there-

Wolverhampton .- A meeting of the panel chemists was held on April 9, when it was resolved to discontinue "Repeat mixtures" after May 31. The Secretary an-nounced that the War Emergency Formulary would be discontinued after April 30.

#### SCOTLAND.

Caithness.—At a recent meeting of the Insurance Committee, held at Wiek, the Clerk reported that chemists' accounts for the months of October, November, and December 1918, amounting to 27l. 0s. 6d., 88l. 4s. 3d., and 70l. 0s. 7½d. respectively, and for January 1919, amounting to 22l. 18s. 8½d., were submitted and passed for payment with the exception of the December account, which was held over until the Committee were advised as to the sum available for the Drug Fund for 1918. Payments due to dispensing doctors for the quarter ended March 31, 1919, amounting to 11l. 5s. 1d., were also passed. amounting to 111, 5s. 1d., were also passed.

Forfar.-At a recent meeting of the Insurance Committee, complaints against doctors were investigated. In one case it was alleged that a young woman, who had returned home after an operation, was informed by a doctor that she would have to pay for his services and for the drugs, which could not be supplied to insured persons. She therefore got the medicines at her own expense. The Committee resolved to report the circumstances to the Panel Committee. Committee.

# Trade Report.

### 42 Cannon Street, E.C. 4, April 16, 3 p.m.

ALTHOUGH the approaching Easter holidays have tended to restrict trading in chemicals and drugs, rather more business has been done and a more cheerful tone has prevailed. The number of actual price changes during the week have been few, including a further cut in aspirin, which appears to be in a demoralised condition just now. Benzoic acid is still tending downwards; pyrogallic, tannic, and gallic acids are all cheaper owing to the lower price of galls; eagerness to sell potash permanganate has brought down the price further. Phenacetin and hexamine are two products which appear to hold firm, as dealers have not provided stocks. There appears to be little disposition to contract for forward delivery at the moment. The principal factor to be considered in this respect is what official attitude is going to be adopted as to the importation of German chemicals in the future. Until some statement is forthcoming business is likely to remain from hand to month. Japanese refined eamphor has advanced several pence. Oil of Japane mint is also dearer, and menthol is firm. Staranise oil is rather firmer. Liquorice-root, liquorice-juice, and West Indian tamarinds are offered at rather lower prices. B.P. almond oil is rather weaker. Chamomiles and squill meet with a fair demand; senega is somewhat scarce on spot, likewise buchu-leaves. Heliotropin and coumarin are rather cheaper. Spices have been in fair demand, and the Continent continues a buyer. White pepper has further advanced; pimento and cloves are dearer and in more request, while ginger has been more inquired for.

Higher	Firmer	Easier	Lower
Camphor (Jap. ref.) Cloves Mint oil (Jap.) Pepper, white Pimento	Anise oil, star Hexamine	Cadmium Camphor monobrom. Heliotropin	Almond oil (B.P.) Arsenie Aspirin Benzoic acid Bromstyrol Coumarin Cream of tartar Gallic acid Liquorice-root Paraldehyde Pot. perman-
-			ganate Pot. surphoguaiac. Pyrogallic acid Resorcin Tamarinds Tannic acid Vanillin

### Cablegram.

New YORK, April 16.—Business is quiet. Opium is lower at \$13,00 per lb. Menthol has advanced to \$5.90, and Cartagena ipecacuanha has been reduced to \$2.75. Elecampane is dearer at 10c. per lb. Buckthorn bark is lower at 23c., and round buchu have been reduced to \$2.50 per lb.

ACETIC ACID.—The good demand appears to be absorbing the shipments as quickly as they arrive.

ALMOND OIL.—English pressed (B.P.) is quoted at 3s. 10d. per lb.

AMIDOPYRIN to arrive is offered at 55s.

ANISE.—Russian is very scarce, and for Spanish about 90s. is quoted.

Anise Oil, Star, is firmer, the spot value of "Red Ship" brand being 4s. 6d. per lb., at which sales have been made.

Antimony continues very dull, with a drooping tendency. But the accumulation of regulus in Government hands, which was only slightly accentuated last month to 4,361 tons, has, doubtless, about seen its worst. Japanese could be had at 37l. ex warehouse in the open market. Prices in America have again declined to  $6\frac{7}{8}$  cents for spot, while business for shipment could be arranged at  $6\frac{1}{9}$  cents.

ARECA.—Further sales of genuine have been made at 100s.

ARSENIC.—A fairly large quantity of Portuguese arsenie came to hand, which is the chief cause of the further fall down to a little under 30!. for white powder. Quotations stand at around that figure, and the demand is generally slow, while only limited quantities are wanted for export:

Aspirin is again cheaper at from 5s. 6d. to 5s. 3d. on the spot, and to arrive parcels of American can be bought at 5s. per lb.

Balsams.—Current net prices are: Copaiba, B.P., Central American, filtered, in cases, 4s. 9d. to 5s.; filtered Para, in cases, 3s. to 3s. 2d., as to quantity; unfiltered Maranham, in casks, 5s. 6d.; filtered, in cases, 5s. 9d. Canada, 7s. 3d. to 8s. Oregon fir, 3s. per lb.

Benzoic Acid.—Fresh competition has sprung up, and the price has again been reduced considerably, and is likely to go still lower during the next few months.

Bromides.—The Japanese consignments of potash crystals are now practically cleared, and only the American make is obtainable. Soda is somewhat scarce. Prices of all the salts are unaltered.

Bromstyrol is cheaper to arrive, offering at 70s. per lb.

BUCHU is very scarce, the value of good green round being 8s. 6d. and ovals 8s. per lb.

CADMIUM.—Quotations have eased again lately, and now range from 7s. to 7s. 3d. per lb. The demand is very quiet.

CALUMBA.—There are sellers of fair natural sorts at 95s. per cwt.; some parcels are limited at 100s. upwards.

CAMPHOR MONOBROM. is offered at 12s. per lb.

Camphor (Refined).—Japanese  $2\frac{1}{2}$ -lb. slabs are dearer, with spot sales at up to 9s. 3d., which price has also been paid for  $\frac{1}{4}$ -oz. tablets.

CASSIA FISTULA.—There are spot sellers of sound at 160s. per cwt.

CASSIA LIGNEA is steady, with sellers of whole selected at 80s., and broken at 80s. also.

CHAMOMILES meet with a fair demand at from about 230s. to 240s. per cwt. for Belgian on the spot.

CHLORAL HYDRATE.—Several important orders have been placed this week, which have helped to reduce the existing spot stocks; from 6s. 9d. to 7s. per lb., duty paid, is quoted.

CINCHONA.—At auction on Tuesday 513 packages offered and only 57 sold at unchanged rates. Of 376 bales and 19 cases Java einchona 38 bales and 7 cases sold, thin dark quills 2s. 64d., long mossy broken quills 2s., and red dusty crushed 1s. 5d. to 1s. 6d. Of 84 cases and 12 bales South American the latter sold, broken quills at 1s. 7d. and chips at 1s. 5d.

CITRIC ACID.—The demand for the U.S.A. has continued, which has caused stocks here to become reduced; 4s. 4d. is still the current spot quotation.

CLOVES.—Zanzibar are dearer, with spot sales at up to 10d. per lb. and buyers.

COCAINE.—A fair quantity of hydroehloride has been sold for April-May delivery, and the position is steady. There are large export inquiries on the market also.

COD-LIVER OIL.—Our Bergen correspondent writes on April 10 that the official reports give the following results of the fishing up to April 5:

		1917	1918	1919
Catch of cod (millions)	•••	18.5	12.0	14.2
Yield of c.l.o. (hect.)	•••	26,000	12,400	19,300
Liver for "raw" oils (hect.)		2.700	1.900	1.700

Nothing has been published regarding the conditions for oil exports. In London one agent is offering finest new Lofoten at 400s, per barrel f.o.b. Bergen, subject to licence being granted.

COPPER SULPHATE.—The lifeless state of the market is partly attributed to the difficulty experienced in arranging freight. The price is nominally unchanged in spite of the renewed fall in copper.

COUMARIN.—French make is now obtainable at 65s. per lb. for April delivery.

CREAM OF TARTAR.—The position continues to be demonalised, and holders of stocks are eager to sell at best obtainable prices, but buyers are acting cautiously.

DIAMIDOPHENOL is in good demand at from 20s. to 19s. 6d.

EUCALYPTUS OIL.—In several instances losses from leakage have proved so heavy that importers find themselves compelled to hold out for at least 3s. per lb. for B.P. oils.

FARINA is steady at from 39s. to 40s. per cwt. for No. 1 Japanese, and at 36s. for March-April shipment.

FORMALDEHYDE.—The position of methyl alcohol in the U.S. remains so firm that there is very little prospect of a reduction taking place in formaldehyde, which is likely to remain at about its present level of from 130s. to 127s. 6d. per ewt.

GINGER has been rather more inquired for; values of Cochin and Calicut are from 50s. to 70s. per cwt., Japanese 40s. to 45s., and Sierra Leone at about the same figures.

GLUCOSE.—American liquid up to the end of April is

offered at 48s. 6d. on the spot.

GLYCEROPHOSPHATES.—Owing to dealers' reluctance to import, stocks are very limited. Lime is quoted at 8s. 6d., potash 10s., and soda solution at 7s. to come forward.

GUAIACOL CARBONATE is obtainable at 40s. per lb. on the

GUARANA is obtainable at 7s, 6d. per lb. net on spot.

GUM ACACIA is dull of sale, ordinary Sudan sorts offering at 57s. 6d. and cleaned at 62s. 6d. per cwt.

HELIOTROPIN is offered at the cheaper rate of 20s. per lb.

for crystals\_on the spot.

HEXAMINE is in good demand, and the available stocks are very limited. On the spot parcels are selling readily at 6s., but for forward delivery orders could be booked at 5s. 3d.

Hydroquinone continues steady, with a lack of competition in this country, and business has been done at 10s.

LEMON OIL meets with practically no demand, the spot prices being from 4s. 10d. to 5s. per lb. We understand that the recent reduction in Sicily was due solely to the Italian exchange having gone against shippers

LIME-JUICE is flat, the spot value of fair raw West Indian being about 2s. 9d. per gal.; supplies are plentiful.

LIME OIL.-Fair West Indian distilled is plentiful at from 4s. 6d. to 4s. 9d. per lb.

LIQUORICE-JUICE.—An offer to sell genuine block has been received from Sicily quoting 285s. and sticks at 395s. per cwt. c.i.f. London.

LIQUORICE-ROOT is cheaper, common natural offering at from 65s. to 80s., and good cut decorticated at 180s. per cwt. on the spot.

MENTHOL is steady, with sales of Kobayashi-Suzuki at

22s. per lb. on the spot.

METHYL SALICYLATE.—The demand of late has been somewhat quiet at from 3s. 3d. to 3s. per lb.

MILK-SUGAR.—Business has been done in small lots of American ex spot stock at 1s. 7d. per lb. No important No important orders are being placed at the moment.

MINT OIL.-Japanese dementholised is firmer, with spot sales of Kobayashi-Suzuki at up to 5s. 9d. per lb.

PARALDEHYDE.--Keen competition between English and American makers continues, and prices have been forced down from 4s. 9d. to 4s. 6d. per lb.

PEPPER has been more active at higher prices, the sales including Singapore on spot at 93d., Aleppy at 9d., and Tellicherry at 10d. to 104d. White pepper is also dearer, Muntok having been sold at from 1s. 3d. to 1s. 34d. and Singapore at 1s. 23d. Singapore at 1s. 23d.

PEPPERMINT OIL.—American remains firm, spot prices of tin oil varying from 45s. to 48s. per lb., as to holder. From the United States it is reported that almost all the available supplies have been acquired by distillers, and very little is available for export to Europe. There is every little is available for export to Europe. There is indication that still higher prices will rule this year.

Persin.—Now that prices have been reduced to more normal figures this product should command more attenfrom 30s. to 29s.

PHENACETIN.-Stocks have been much depleted during the month, and only small parcels are now obtainable at 10s. per lb.

PHENAZONE has been in good demand, and there are several important export inquiries on the market. For spot parcels 50s. is quoted, but for forward delivery a substantial reduction on this could be made.

PHENOLPHTHALEIN.—Current spot price is about 23s. 6d.

per lb.

PIPERAZINE in pure crystals is selling at 8s. 6d. per oz. POTASH PERMANGANATE.—Japanese consignments, which have to be realised here, have brought down prices from 3s. 9d. to 3s. 6d. per lb.; to arrive 3s. 3d. c.i.f. is quoted.

POTASH-SULPHOGUAIACOLATE has fallen to 30s. per lb.

Pyrogallic Acid.—Competition between British and American makers has brought the price of crystals down to 11s., but resublimed still commands the higher price of 15s. per lb.

QUICKSILVER.—The market is reported very quiet, buyers being cautious, evidently apprehending further reductions, while the American price has yielded further to \$70 per flask in New York. The market is unsettled. There is, of course, a considerable surplus to be got rid of, which is

regarded as a prejudicial factor in this market. sumers are certainly well advised to confine their purchases to actual requirements, although the export demand from neutral countries and the Colonics may call for fair quantities. The price may be called 15l. to 15l. 10s. per bottle.

-Medicinal is now obtainable at the lower RESORCIN.price of 22s. 6d. per Ib

SAFFRON is firm at from 48s. to 52s. per lb. net on spot, as to quality.

SALICYLIC ACID.—The lower prices from the U.S.A. noted last week are attracting considerable interest from large buyers, and it seems doubtful if the English makers will be able to compete. We understand that two of the English works have been closed or are in liquidation, so that the future prospects are not bright. On the other hand, the low prices ought to stimulate consumption very consider-

SAESAPARILLA.—At auction last week a fair quantity sold, including 25 bales Lima-Jamaica at from 2s. 4d. to 2s. 6d. for fair, part mouldy; 50 bales Jamaica also sold, comprising fair genuine grey, part slightly mouldy, at from 2s. 9d. to 3s., and red and yellow mixed Native-Jamaica at from 1s. to 1s. 3d. per lb.

SENEGA is scarce on the spot, a limited quantity being

available at 5s. 6d. per lb.

Senna.—At auction last week 37 bales Tinnevelly sold at from  $5\frac{1}{4}d$ . to  $5\frac{1}{2}d$ . per lb. for sea-damaged medium greenish leaf, and four bales Alexandrian pods realised 1s. 5d.

SODA HYPOSULPHITE.—Pea crystals of English make can be had at 25l. per ton in ton lots.

SODA SALICYLATE.—Small quantities of B.P. powder can be had at 3s.; for important orders 2s. 6d. would be accepted, and to come forward 2s. 3d. per lb.

Soy.—For good quality Chinese, just landed, about 56s. per cwt., duty paid, is asked in tins and cases.

Spermaceti.—American refined is offered at from 1s.  $1\frac{1}{2}d$ .

to 1s. 2d. per lb. net, as to quantity. SQUILL meets with a fair demand, fair white offering at 65z, and off-colour at from 55z, to 60z.

SULPHONAL is extremely scarce on the spot and commands from 115s. to 120s. Methyl sulphonal (trional) is practically unobtainable.

TAMARINDS .- West Indian are rather cheaper, fair offering at 70s. per cwt.

Tartario Acid is unchanged at 3s. 4d. per lb.; deliveries from Italy are coming forward very slowly.

THYMOL (ex ajowan-seed) is offered at 32s. 6d. per lb. VALERIAN.—Good clean Indian can be had at 285s. and Belgian ditto at 300s., with poorer quality offering at less.

VANILIN.—English makers are selling at the lower price of 40s. per lb. in quantity. Imports from America appear to have ceased for the time being.

Wax, VEGETABLE.—Japanese is dull of sale, with spot sellers at 57s. 6d. per cwt.

WITCH-HAZEL EXT.—Finest distilled is offered at 18s. 6d. per gal. net.

WORMSEED OIL.—At auction last week two cases American sold at 19s. per lb.

ZINC PRODUCTS.—Quotations seem inclined to ease owing to a renewed fall in the price of metallic zinc, while the Government price for this was towards the close of last week reduced from 40l. to 38l. a ton. Zinc oxide so far has, however, hardly been affected, quotations remaining nominally at 70l. to 85l. per ton for English, according to brand. Zinc dust is certainly easier to buy at 68l. to 70l. for English low grade. Zinc white costs about 44l. to 45l. a ton.

#### French Essential Oils.

Paris, April 12.

Since my last report there have been very few transactions on the spot, the essential-oil market being handicapped by the transport crisis. Goods have now been stored in Marseilles for six months, without any hope of an improve-

Anise Oil (Star).—About 300 cases from Tonkin, which were detained at Port Said for seventeen months, have

arrived at Marseilles.

Geranium Oil.—Prices of Algerian are very steady at fr. 95.00 per kilo.; 12,000 kilos. of Bourbon have been bought this month. A cable from Bourbon last week asked fr. 65.00 c.i.f. Marseilles; it is reported that a syndicate is about to be formed there.

Kananga Oil.—A few drums of Java are expected next month in Marseilles at fr. 50.00 per kilo.

Linaloe Oil.—Mexican is fr. 54.00 per kilo.

Neroli Oil.—Bigarade pétales has had a strong advance.

PATCHOTLI OIL.—Some parcels are offered in Marseilles at fr. 200.00 per kilo.

ROSEMARY OIL.-French is very scarce at fr. 16.00 per kilo.

TERPINEOL.—French has declined to fr. 12.00 per kilo., duty paid.

SPIKE LAVENDER OIL.-French is fr. 18.00 per kilo., with very little available.

THYME OIL.—White is fr. 24.00 per kilo., with little avail-

VEHIVERT OIL.—Bourbon is steady at fr. 125.00 per kilo. c.i.f. Marseilles.

YLANG-YLANG OIL.—Some cases of Bourbon of very good quality have arrived in Marseilles at fr. 160.00 per kilo; second quality is fr. 75.00.

POMADES .- Owing to the unsettled weather and want of labour the plants have been damaged; the manufacturing of pomades is beginning, but the output will be extremely

### Dutch E.I. Essential Oils in France.

We recently dealt with the cultivation and export of essential oils from the Dutch East Indies (C. & D., January 4, p. 38). The Dutch Consul in Paris, according to "De Indische Mercuur," has since investigated the possibilities of extending the sales of these essential oils in France, and gives a résumé of his impressions as follows: One important gives a résumé of his impressions as follows: One important dealer wishes to receive samples of Tjempaka oil and of oil from rose geraniums. Citronella oil is purchased on the basis of its geraniol content, and is used as a basis for synthetic perfumes and for perfuming ordinary kinds of soaps, and is also added to the disinfectant used on the Paris Underground Railway; the most important dealer in this product uses 30,000 to 40,000 litres of this oil annually. He states that the manufacturers of synthetic perfumes usually purchase their raw materials through middlemen in France, and only occasionally act as importers. He recommends that exporters in the Dutch East Indies should get mends that exporters in the Dutch East Indies should get into touch with wholesalers and drug-houses in France. Apart from citronella cil, wholesalers are interested in citronella-leaves, which are used by makers of "poudre de He believes that if citronella oil is imported direct into France from the Dutch East Indies there will be a wide field for its sale, as Ceylon citronella oil hardly bears comparison with the Dutch product. Another essentials of the comparison with the Dutch product. tial oil for which there would be a considerable demand is kananga oil, which might replace the use of ylang-ylang; many wholesalers are interested in it, particularly as it costs 75fr., compared with 450fr. for ylang-ylang.

#### Indian Resin Industry.

In the course of the annual progress report of the Forest Administration in the United Provinces for 1917-18 it is Administration in the United Provinces for 1917-18 it is stated that a new factory was agreed upon, at an estimated cost of eight lakhs, at Maheshpur Utaria, near Bareilly, and over two lakhs were spent on it during the year. The plant which is being installed is similar to that at the Punjab factory, and the products from the Government factories will thus be uniform. It is noteworthy that, in spite of the check imposed by the inefficiency of the factory at Bhowali, the ontput of resin in Kumaun has quadrupled in the past seven years, so that the outlook for the future with an un-to-date factory is regarded as very promising. with an up-to-date factory is regarded as very promising. Owing to the introduction of improved methods of collection and packing there was a marked improvement in the quality of the raw produce supplied to the factory. Despite an unfavourable season for collection, the resin crop rose by 5.444 maunds. Prices did not advance very much, and the demand was again somewhat less than the supply, the reverse being the case with turpentine. The net trading profit increased from 3.10 to 4.77 lakhs.

# C.i.f. Quotations Wanted for U.K. Exports.

C.i.f. Quotations Wanted for U.K. Exports.

The ouestion of the more general use by British manufacturers and merchants of quotations based upon landed prices in overseas countries is one which is well worthy of careful consideration, says the "Board of Trade Journal." During the period of the war, when rates of freight for the ocean carriage of merchandise were so unstable, it was difficult to quote c.i.f. unless a margin is allowed to cover freight fluctuations. H.M. Trade Commissioner at Capa Town points out that in the years immediately preceding the outbreak of war many of our foreign competitors, more particularly Germany, made a point of quoting c.i.f., so that the importer in South Africa and elsewhere knew exactly what the actual cost of importing foreign goods would be. By this means the foreigner was able to secure a large share of the trade. Even at the present time, he a large share of the trade. Even at the present time, he adds, Japanese prices are all on a c.i.f. basis. . . . In order

to quote c.i.f. rates it is, of course, necessary for freight and insurance fluctuations to return to their pre-war. stability, and this they are now doing.

#### East Indian Sandalwood Oil.

The report on the administration of Mysore for the year ended June 30, 1918, states that there are two factories for ended June 30, 1916, states that there are two factories for the manufacture of sandalwood oil in the State—Bangalore Factory, in which distillation of oil was first started, and the Mysore Factory, which started work on August 30, 1917. Both the factories together dealt with 1,222 tons of sandalwood and manufactured 114,955 lb. of oil during the periodended June 30, 1918. The value of the oil sold and in transit to the London agency amounted to Rs. 24,16,703.

## Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the British ports named:

To London (April 1 to 7).
leohol, metbyl (U.S.),
10 drms.
10 drms.
11 to 7).
12 drms.
13 murbore, 293 bgs.
14 cs.
14 cs.
16 mical products, etc.,
15 cs. 2 cks.
16 mical products, etc.,
17 cs.
18 murbor.
19 cs.
19 cs.
10 mirate
(April 1 to 7). brls Alcohol, metbyl (U.S.), Bismutb ore, 293 bgs. Bronze powder (Jp.). Chemical products, etc., 500 brls.

Bromides. potash (Jp.), 30 cs.
Butyric acid (U.S.), 9 cbys.

Calc. tartrate, 55 cks. (Patras), 509 bgs. Camphor, cr. (Keelung), 350 cs.

Cream of tartar (Sp.), 10 brls. Quinine (Amst.), 10

Saltpetre, 3.139 bgs. Cocoa-butter (Amst.), 108 bls.

108 bls.
Drugs, etc. (Dieppe),
20 cks. (Ghent),
340 bls. (N.Y.),
120 pkgs.: berbs
and seeds (Sp.), 38

pkgs. Aloes, 40 pkgs. Calumba. 638 bgs. Cantharides (Ch.), 41

Cubebs (Amst.), 5 bgs. Galls (Ch.), 699 cs. Lignorice-juice(Sic.), 53 cs.

Liquorice-root (Sic.). Orange peel (Malta),

Rhubarb (Ch.), 16 cs. Sage (Gr.), 62 bls. Smill, 12 bgs. Stropbantbus, 133

Vanilla (Dominica),

7 cs. Dyes, dyeing and tan-ning materials, etc.: indigo (E.I.). 269 chts.; myrobalans, 4.000 pockets: tan-ning, 3.000 bgs.

ning, 3,000 bgs.
Egg products: albumen, 1,645 cs.; albumen and egg yolk, 448 pkgs. 1,573 cs.; egg yolk, ilgald, 3,158 cs.; dried, 1,336 cs.; yolk powder, 15 cs. der, 15 cs. Fig syrup, 6,750 cs.

nums, resins. etc.: copal (S'pore), 500 cs.; damar. 10 cs.; shellac, 250 bgs.; button, 83 bxs.; sticklac (Ch.), 145 cs. Gums. Honey (St. Lucia), 24

Job's tears (Dem.), 2 cs Lemon-juice (Sic.), 13

pps.
Lime-juice (Dem.). 21
blds. (Trin.), 13 cks.
(St. Lucia), 47 cks.
(Dem.), 108 blds. 69 pns. 266 cks. 1 brl.

500 bris. Oils, fixed: coconut (Coch.): 1.600 cs. 588 pps. 128 hhds. (R'dam), 200 bris. (Cev.), 1.041 cks.; (cey.), 1.041 cks.; cottonseed, 12 cks.; palm; 406 cks. 25 pns.; rape (R'dam), 1,692 brls.; soya, 30 cks. 2,000 cs.

Petroleum jelly, 1,300

Rennet tabs, and nowder (C'hagen), 30 cs. der (Chagen), 30 cs.
Seeds (bags): castor
(Lome), 162; copra
(W.I.), 93 (S'pore),
11.916 (Lages),
1,962; lin. 15,922
bgs.; mustard (Sic.),
500 bgs.; cotton
(Adex.), 660 tcns;
ground nuts (Ch.),
3,310 (Lages), 3,373;
illipe nuts (S'pore), c. 510 (Lagos), 5.515, illipe nuts (S'pore), 750; palm kernels, 19,40c. Soy (Ch.), 100 kgs. (Jp.), 30 cks. 27 brls. 550 cs. 90 cks.

Spices: capsicums, 10 bgs.; cassia, 12 bls.; chillies, 6 bgs.; cin-namon (Cey.), 100 bls.; ginger (Jp.) bls.; ginger (Jp.), 50 bgs.: pepper, (S'pore), 2,987 bgs. (P. Said), 154 bgs.

(P. Said), 154 bgs': dex-trin (Jp.), 170; farina (Jp.), 12,865 Tallow (Ch.), 300 pkgs. Wax, bees' (Cal.), 59 cs. (E. Af.), 649 bgs. 126 pkgs. 48 blocks Wax, paraffin, 809 brls.; scale, 262 cs. 455 brls. Wax, vegetable (Jp.), 184 cs.

184 cs.

To Liverveel

(Mar. 31 to April 7). Chemical products: borax (N. Orleans), 200 brls.: camphor (Jp.), 250 pkgs.; fodine, cr. (Jp.), 16

iodine, cr. (Jp.), 16
1/8cs.; saltpetre,
4,037 bgs.
Drugs, etc.; balsams
(Cartagera), 20 cs.;
cardamoms (Cer.),
158 pkgs.; condurango (Cristobal), 300
bgs.; cepaika (Parnahyba), 43 cs.;
sarsaparilla (Cristobal), £2 bls.

Lithopore (U.S.), 125 Dyes, dveing and tenning materials, etc.: divi divi, 9,368 bgs.: indigo (Mex.), 81
pkgs.; logwood, 15
tons; logwood ext.,
500 cks.; myrobalans, 4,000 pockets 1,240 bgs.; myrob, ext., 1,850 bgs.; tanning ext., 60 cs.

Egg products: albumen, {0 cs.; egg yolk, 316 cs. 1,117 pkgs.

Glucose (U.S.), 416 brls. Gum, chicle. 134 pkgs. Honey (Jam.). 14 cks. Lemon-juice, raw, 17

Magnesite lagnesite (Limni). 12,417 bgs. 2,181 tons Oils, essential: mint (Jp.), 4 pkgs.; orange (Jam.), 20 pkgs.

Oils. fixed: fish (Jp.), 200 pkgs.: palm, 402 cks. 47 puns.; soya, 2.000 pkgs.; wood (W C Af.), 35 cks.

Pumice stone, 51 sks. Quicksilver (N.Y.), 74

Resin (U.S.), 500 brls. Resin (U.S.), 500 brls, Seeds (bags): babassn, 6,305; beni (Afr.), 2,299; copra (Pen-ang), 1,606; cotton (Alex.), 1,375 tons, 2,040 bes.; ground nnts (E.f.), 5,333 (U.S.), 2,457 (W.C. Af.), 2,905 tons, 4,933 bgs.; lin (E.I.), 8,164; nalm kern, 7.33 bgs.; III (E.I.), 28.16 4; palm kern. 11,172; rape (E.I.), 27,297; sunflower, (Cape), 907. Soap (St. John; N.B.), 5.833 cs.

Spices: capsicums (W.C. Afr.), 314 bgs.; chillies (W.C. Af.), 111 bgs.; cinnamon chips, 50 pkgs.; pepper (S pore), 515

Ogs. Starches (bass): farina (Jp.), 1.511; 2.694 pkgs.; dextrin (U.S.), 1.760; rice, 280; wheat (U.S.), 1.540 (Jp.), 360

Tallow, 639 cks.(Aust.), 542 pps. 845 cks. Wax, carnauba. 893 bgs.

Wax, paraffin, 208 bgs Wax, veget, (Jp.), 250 pkgs, 100 cs.

To Folkestone.

Drugs (Fr.), 20 pkgs. Perfumery (Fr.), 31 nkgs.

To Hull.

Ground nuts. 5.195 bgs. Linseed (E.L). 95,037 bgs. 2,185 tons.



Etymology of "Chemist."

Sir,-I am told that I lack the bump of reverence, for SIR,—I am told that I lack the bump or reverence, for which reason, perchance, instead of being overawed at "Xrayser II.'s" attack, I am just mildly amused. And when your contributor holds up as a philological fetish the Oxford English Dictionary, I "smile the sort of sickly smile" with which he himself would greet the market-place quack's allusion to "Secret Remedies" as the highest authority on modern pharmacy. The fact is, the N.E.D. does not profess to be a textbook of philology nor expense. authority on modern pharmacy. Ine fact is, the N.E.D. does not profess to be a textbook of philology, nor even a standard work on etymology. It is merely a dictionary of the English language, with etymological references to elucidate the lexicography, and bears much the same relation to a work like Brugmann's "Epitome of Comparative Grammar" as "Squire" does to the "Pharmacographia." With one or two striking expentions, such as the Welsh With one or two striking exceptions, such as the Welsh fférylliaeth (literally, the study of Vergil—the distinction between the obsolescent fferyll, "a magician," and the modern fferyllydd, "a pharmacist," will interest Mr. Vasey), all the European words for "chemistry" fall into two classes. The first includes our own, the French, German, Italian, etc., all derived either from the Mediaval Latin alchimia or the corresponding Old French delivers. Latin alchimia or the corresponding Old French alguimie. As these are exactly analogous in form and meaning with As these are exactly analogous in form and meaning with the Arabic ul-kimia, and as the Arabs are known to have introduced ehemistry into Europe, why make needless excursions into Greece to bring back words which no Greek writer ever used in connection with the subject? Philologists, like logicians, are bound by Sir William Hamilton's law of parsimony. Note, in passing, the Spanish forms, alquimia, "alchemy," and quimica, "chemistry." The former is a direct borrowal from Arabic, and retains its Eastern accentuation. The latter is really an adjective, like patriotic, which has been nominalised to accord with lógica, física, and the rest. Its accentuation is French. lógica, física, and the rest. Its accentuation is French—compare chimique. The second class has for type the compare commique. The second class has for type the Russian Xinia, kl  $imiy\sigma$ , manifestly from the Byzantine  $\chi\eta\mu\epsilon ia$ , whencesoever that came. Your contributor's dogmatic assertion that this late Greek word is the origin of the Arabic ul-kimia is at least not preven. That it is not derived from  $\chi\epsilon\omega$  "to pour," which always develops about a contributor  $\chi\omega$  there are the contributors as  $\chi\omega$ . not derived from  $\chi \epsilon \omega$  "to pour," which always develops a short  $\epsilon$  or u—never a long  $\epsilon$ —is certain.  $\chi \eta \iota \epsilon i \alpha$  therefore, cannot be connected with  $\chi \iota \iota \mu \delta \tau$ , "juice," etymologically, "that which is poured out." What comfort or gratification this can give the Institute of Chemistry I do not know. Language is what its speakers make it, not what philologists find out about it. One does not necessarily reach the bank of a river on "arriving" (ad ripam  $v \epsilon n i r \epsilon l$ ), nor is a "miscreant" always an unbeliever. In rendering Khem "black earth," "Xrayser II." has misunderstood Bruesch, who thought that the popular division rendering Khem "black earth," "Xrayser II." has mis-understood Brugsch, who thought that the popular division of Egypt into Kemit (not Khem), "west," and Deser, "east," was due to the "black" and "red" colour of the earth in those districts. The theory has not been generally adopted by Egyptologists. Black art was magic or necromancy, founded upon an esoteric knowledge of chemistry and physics and was accounted. chemistry and physics, and was supposed to have had its original home in Mitsraim or Egypt. The white art of chemistry and physics, and was supposed to have the original home in Mitsraim or Egypt. The white art of divination and soothsaying, on the other hand, based upon astronomy (or astrology), was the art of the Kasdim or Chaldeans.

Faithfully vours,

Drug-trade Union.

L. (120/63.)

SIR,-I am greatly interested to read of the formation SIR,—I am greatly interested to read of the formation of an Industrial Council for the drug-trade, but I think the proposed campaign to be undertaken by the Pharmaceutical Society to establish an Assistants' Union is both unnecessary and unwise, seeing that there are several oldestablished and well-organised trade unions for all grades of members in the drug trade. I am surprised also that established and well-organised trade unions for all grades of workers in the drug trade. I am surprised also that an attempt is made to mislead assistants into believing that the Amalgamated Society of Pharmacists, Drug and Chemical Workers is the only or the principal union or society concerned in the Drug Trade Industrial Council. From the report on p. 51 (C. & D., April 12), however, I discover that they have one-sixth of the representation just as other unions. I contend that the proportion of representation is out of proportion to their membership in the trade, and it is also to be remembered that the other unions have declined to admit the A.S. of P.D. & C.W. other unions have declined to admit the A.S. of P.D. & C.W. into the Joint Committee of the unions that have during the last twelve months negotiated all the advances in

wages that we have received in the trade. I would enter a protest against this new organisation of the workpeople's representation on the Industrial Council while their representation on the Industrial Council while their members are enjoying the benefits gained by the trade unions they now are trying to belittle. The Amalgamated Society of Pharmacists, Drug and Chemical Workers should realise that the experienced and old-established trade unions, which have done so much in the past to improve the conditions in the trade, must be supported, and prove the conditions in the trade, must be supported, and no countenance accorded to dissatisfied persons who desire high positions in a small organisation rather than minor positions in a large organisation. Neither must we have anything to do with an association formed by the Pharmaceutical Society nor any other society without a definite trade-union basis.

Yours sincerely,

TRADE UNIONIST DRUG WORKER. (120/6.)

To Commercial Travellers.

SIR,—In the C. & D., April 12, p. 51, a report is given of the Conference held on April 4 between representatives of the wholesale and retail interests and of trade unions having members employed in the trade to consider the immediate establishment of an Industrial Council for the drug trade. The result of this Conference was the decision to promote the formation of a Council consisting of equal numbers (twelve) of employers and representatives of trade numbers (twelve) of employers and representatives of trade unions. Whilst every class of labour appears to be repreunions. Whilst every class of labour appears to be represented on the employes panel, no provision was made for commercial travellers, and in view of the fact that we play no unimportant part in the everyday life of the drug trade, it would have been only our just due had we been invited to participate in this Conference. I would suggest to every commercial traveller interested that he gets in to every commercial travellor interested that he gets in touch with his local Association with a view of bringing this matter before the notice of the parties interested. Surely the commercial traveller in the drug trade is as important and useful as any member of the Dock, Wharf, and Riverside Workers, who, I notice, have two representatives upon this Council.

D. T. (121/24.)

Patent Medicine-stamp Duties,

SIR,—As a regular reader of your ever interesting paper, I notice both manufacturers and retailers are concerning themselves about the inconvenience of the present medicine There is little doubt but that fluctuation in costs will be very considerable for some time to come, and it is clear that the present system of duties require reconstruction in order to meet altered conditions. I believe few, if any, are objecting to the duty, but are objecting to its present unsuitability. The following analysis will make the matter clearer. Present duty:

Va	lue	Sta	mp	Percentage	R	et	ail
s.	d.	8.	d.	on Value	8	3.	d.
1	0	0	3	25	1		3
2	6	0	6	20			0-
4	0	1	Ō	25	Ē	,	0
10	0	2	0	20	12	2	0
20	0	4	Ó	20	24		0
30	0	6	0	20	36	i	0
℃50	0	20	0	40	70	)	0

Now, from the Government's view and, I think, everybody else's view it would be better to have one definite per-centage throughout. The following modified rates are suggested:

	Value	Stamp	Percentage	Retail
	s, d.	s. d.	on Value	s. d.
	0 5	0 1	20	0 6
and/or	0 73	0 11	20	0 9
	0 10	0 2	20	1 0
	1 3	0 3	20 20 20 20 20	1 6
	1 8	0 4	20	2 0
	2 1	0 5	20	2 6
	2 6	0 6	20	3 0
	2 11	0 7	20	3 6
	3 4	0 8	20	4 0
	3 4 3 9	0 9	20 20	4 6
	4 2	0 10	20	5 0
	4 7	0 11	20	5 6
	5 0	1 0	20	6 0

and upwards, adding a 1d. stamp value for every 5d.

and upwards, adding a ld. stamp value for every 5d.

From this it will be seen that the Government would get
a definite 20 per cent. all round. This fact would also be
an advantage to the manufacturer in fixing his prices, and
in these difficult times the scheme allows the prices to be
varied by a much smaller sum than at present. It would
also be an advantage to the retailer, as it gives more symmetrical retail prices, especially with "face value" going
ahead as it is. Further, if a ½d. stamp value is introduced for every 2½d. you would then get retail prices ls.,
ls 5d., ls. 6d., ls. 9d., 2s. As a retailer, I would welcome
the introduction of the 1½d. stamp.

Yours faithfully, !. stamp. Yours faithfully, CHAS. PHILIP.

"The Standard List," Herne Bay.

#### Legal Oueries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 352.

X. Y. Z., Ltd. (96/34).—IRISH REGISTERED DRUGGISTS cannot carry on business as pharmaceutical chemists, even if registered as a limited company. You may not use the title "pharmaceutical chemist" even if you employ a pharmaceutical chemist.

K. (108/17).—UNQUALIFIED PARTNER.—You cannot legally earry on the business of a chemist and druggist if you are unqualified and have a qualified partner. The fact that the name in the firm's designation is your father's will not help you, even although when alive he was a registered chemist. The Poisons and Pharmacy Act, 1908, provides a means by which a limited company can carry on the business of a chemist and druggist, but a qualified man must be a director and bona-fide manager of the business.

X-rays (114/23) asks whether a person is liable to the excess-profits duty whose profits have been: For the year 1914, 254l.; for 1915, 276l. for 1916, 328l.; for 1917, 433l.; and for 1918, 568l. [We assume that the figures given for 1914 are the pre-war standard of profits, although this is not necessarily so, as the pre-war year for this purpose is the last complete trading year which ended prior to August 4, 1914. But on this assumption which we have made no duty is chargeable for the year 1918, and owing to the provision that the profits upon which duty is to be paid are the profits for the whole period during which the tax is in force, "X-rays" has so substantial a balance in his favour for adjustment that he is very unlikely to have to pay for the current 1919 year.]

Vino (117/1) asks our advice in the following case: He holds an off wine-licence which has been charged on the basis of his rent of 80l. which he has been paying for his premises under a lease which has now expired. He has taken a new lease under which the rent is in future to be only 50l. Notwithstanding this reduction, he has been notified by the local collector of Customs and Excise that the licence duty in future is to be assessed on an increased annual value of 110l. We understand that there is an additional shop adjoining the licensed premises which is internally connected with them, and which "Vino's" landlord, who owns both places, allows him to use as a storingroom, although no sales take place in it, and it is not included in the premises which are leased to him at 50l. a year. He says there has been a great depreciation in the value of the property. [The premises which are assessed for licensing purposes include all offices, courts, yards, and gardens which are occupied together with, or are within the curtilage, or in the immediate vicinity of the house where the wine is sold, except where it is proved to the satisfaction of the Commissioners of Customs and Excise that these additional places are used for some trade or business entirely distinct from that carried on in the licensed house. It seems clear that the local collector has included in the assessment the additional value of the premises which are internally connected with the shop. As these are used for storing liquor which is sold in "Vino's" shop, we think the collector is in strict law entitled to do this. We would advise "Vino" to get a certificate of the rent of his premises, signed by his landlord and himself, and send it to the local collector of Customs and Excise asking for a reduction of the assessment. An official form upon which this certificate is to be given can be obtained from the local officer of Customs and Excise.]

#### Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Argus (101/37) and T. W. (113/43).—We cannot undertake to identify drugs and chemicals which have lost their labels.

J. J. C. (112/21).—REMOVING VARNISH FROM OIL PAINTINGS.—This is a delicate operation which should not be attempted by an inexperienced person on a valuable painting. The process consists in rubbing the surface of the painting with the finger-tips and sponging lightly with turpentine. As will be readily understood from the fact that turpentine is a solvent for oil colours as well as varnish, it will need to be used sparingly.

A. I. L. (74/44).—The formula for which you inquire is as collews:

	Chest	ana	Lung	Balsam	
Sem.	lini				 Bij.
Ext. g	lycyrr	h.			živ.
Ol. an	isi				 3ij.
Oxy. s	cillæ				 Ovj
Syr. t	olu.				 Oij.
Tr. ca	psici		24.0		 3j
Therie	acæ				 Ovi
Aq. d	est.		* * * *	٠	 Oiv.

Chieron (113/57).—ELIXIR OF TAR.—The following is probably the variety of tar elixir to which your customer refers:

Wood tar	 	 ðj. Brij.
Powdered sugar	 • • • •	 δnj.
Proof spirit	 	 ιžxx.

Mix the tar and sugar in a mortar, add the spirit, and when the sugar is dissolved, filter.

There is a compound clixir of tar (elixir picis co.) much employed in the United States as a cough remedy. The formula of the National Formulary is as follows:

Syrup of wild cher	rry.	_	
Syrup of tolu	•••	 aa	5iij.
Morphine sulphate		 	gr. iiss
Alcohol			5γj.
Water		 	mlxxv.
Wine of tar to		 	žxvj.

Dissolve the morphine in the water, add the syrups, then the other ingredients.

J. V. S.	(102/48).—ARTIFICIA	r Pin	E-APP	LE Es	SENCE:
		,			40 oz.
	Acetic ether	•••			4 oz.
	Oil of sweet orang	ge			1 oz.
	Essence of pear	•••			2 oz.
	Rectified spirit				50 oz.
	Water				10 oz.
Essence	of Pear is made as	follo	ws:	-*	
	Acetic ether	•			5 oz.
	Amyl acetic ether				2 oz.
	Glycerin		/		2 oz.
	Rectified spirit				100 oz.

Kent (88/31).—Stomachic Mixture supposed to be endowed with wonderful properties. A similar mixture to your sample would probably be produced to the following formula:

Tr. rhei co	•••.	 • • • •	511
Mag. carb. pond.		 •••	3j.
Spt. chlorof			388
Aq. menth. pip. a	ıd	 ***	Jij.

This recipe is based on some good analytical data.

F. D. A. (94/66).—Books on Chiropody.—Hughes' "Manual of Chiropody" (Wyman, 2d.); Wagner's "Handbook of Chiropody" (Osborne, Garrett & Co., 5s.).

#### Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," April 15, 1869

#### Consequences of the Pharmacy Act.

Mr. Richard Reynolds writes: "That Bloomsbury-square school will continue full to overflowing, as at present, and will attract the *ilite* of the pharmaceutical students of the kingdom, may be safely assumed. But this does not account for more than a tithe of the students who must annually offer themselves for the Minor and Major Examinations; and provincial schools of pharmacy for our leading centres of population are evidently a necessity. Now I wish to claim for such efforts the countenance and support of the Council, conveyed in such a way as may meet the special requirements of the case. It is evident that local interest and support must form the nuclei of any new schools, and I claim that wherever these may develop a complete scheme of efficient pharmaceutical education in the provinces, they shall be subsidised and supplemented by the Society, upon the same principle that induced it to spend money for years upon the school at Bloomsbury-square, and to give a student for 30t. an education costing 60t. or more. The science-teaching of the country is encouraged by Government upon a principle similar to this, by capitation grants, payments for results, prizes, scholarships, contributions of 50 per cent. towards the cost of apparatus, etc. Let the principle be granted, and the financial question will not be difficult."

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Sales: March 1919

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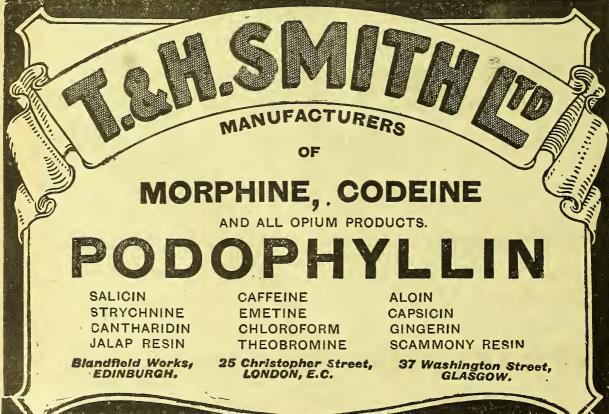
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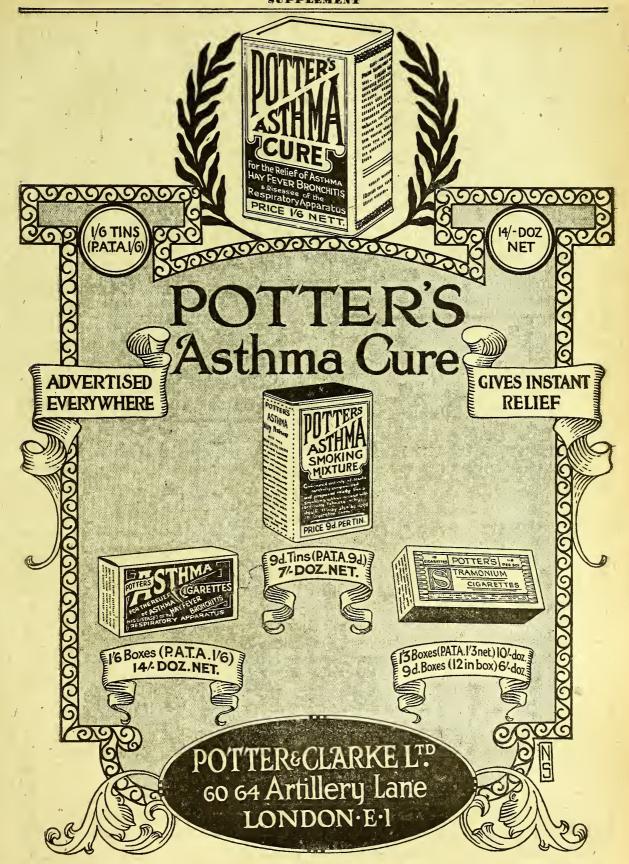
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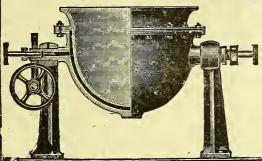
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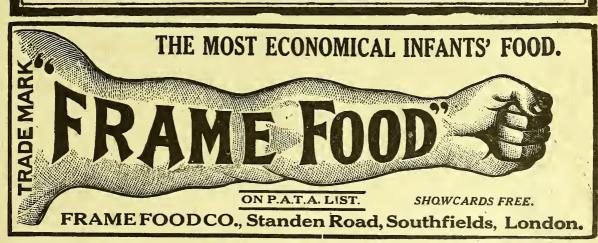


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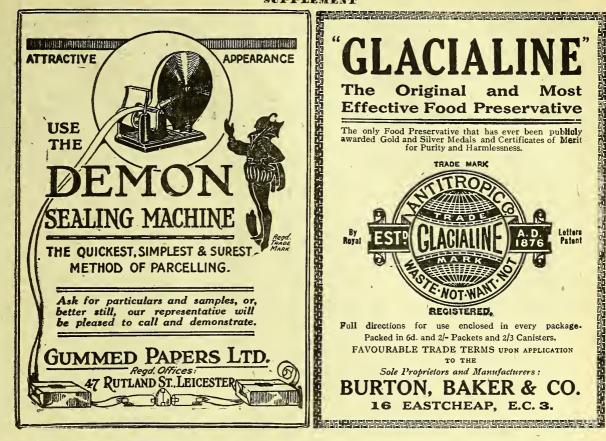
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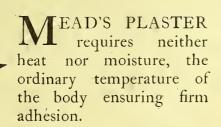
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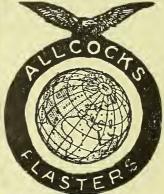
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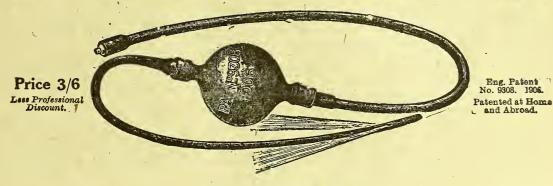
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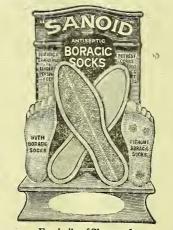
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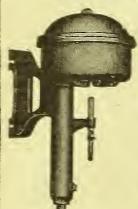
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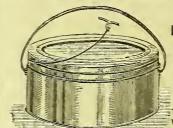
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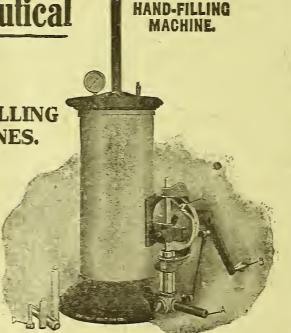
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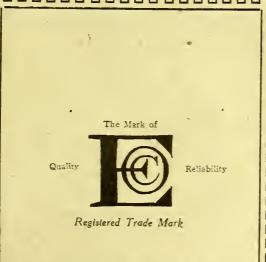
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An Elastic Bandage. Containing no Indiarubber. Superseding ElasticStock-

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Three sizes, about 2. 2½, and 3½ inches wide.
Excelsior Crepe Abdom nal Binders.—Useful after many Abdominal Operations, and for ladies after confinements. Two sizes: 8 & 11 in. wide.

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DISTINGUISHABLE FROM ALL OTHER PREPARATIONS BY ITS GRANULAR FORM. WHICH ENSURES A DEGREE OF MEDICINAL ACTIVITY AND FRESHNESS HITHERTO UNOBTAINABLE.

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PARASITIC MANGE
HORSES, CATTLE, DOGS, &c.

BOXES OF 1 doz. 1/6 packets, 12]- per box. On P.A.T.A. list.
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BELUMNITE is a high potency insecticide, but harmless to plant life. It is applied by means of a Mysto Powder Sprayer, when it will penetrate the foliage like smoke, reaching the curled-up leaves in a way which cannot be done with liquid sprays. It is self-adhesive to the foliage and to all forms of blight, and continues to kill for some days after being applied.

BELUMNITE destroys Apple Sucker, Capsid (Ligus Bug), all forms of Aphis Blight on black currants, beans, cabbage and sprout plants, etc. American Blight, Hop Flea and Red Spider, Caterpillars, Ants, Woodlice, Slugs, Snails, Green Fly on rose trees, and all insect Pests. Write for booklet on the Mysto Belumnite System of Dry Spraying.

No. 2, 5/6 No. 1 Size Tin, 2/9 No. 3, 10/6 each.

MYSTO ANTI-BLIGHT POTATO DRY SPRAY. A ready means of checking the spread of the spores causing potato disease. Highly recommended where a knapsack sprayer is not at the disposal of the small grower, or difficulty is experienced in securing an adequate water supply. The powder can be applied by means of a Mysto Powder Bellows, which are quite suited for use on potato plots up to half an acre. For larger acreages a Mysto Powder Knapsack is recommended.

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Equally useful for preventing disease in Tomato Crops, whether grown under glass or outdoor.

MYSTO SULPHO DRESSING for Strawberry and Onion Mildow. The damage to onions, strawberries and other crops due to "Mildow" has been long recognised by all growers, but little effort has been made to check this widespread mischief. Fine sound strawberries can be grown, free from any trace of mildow, by use of Sulpho Dressing, applied when the crown begins to form just before 28 lb., 14/6 14 lb, 8/6 56 lb. 20/~ 112 lb 36/-

MYSTO BURCUNDY MIXTURE POWDER for the instant preparation of Burgundy Potato Spray. The Mysto Burgundy Mixture Powder was used extensively last season by large growers and smala lotment holders, but no single case of scorching was reported, and many unsolicited testimonials were re eived. The powder is a standard preparation, which is readily soluble in cold water, and which contains in itself the copper and soda salts dried and reduced to fine powder, blended in due proportion, tested and proved free fro.n burning properties.

No. 1 Packet, 1/6

No. 3, 7/6 each. Refuse all imitations. No. 2, 2/9

produce, etc. Mysto Insect strongest, best and cheapest.

MYSTO INSECTICIDE.

A Non-Poisonous Insecticidal Wash for Garden and Greenhouse use. Success in dealing with insect pests in both Flower and Vegetable gardens is dependent on two factors: (1) The choice of insecticide, (2) overcoming the hardness of spraying water.

Mysto Insecticide is non-poisonous, harmless to plant life; it can, therefore, be used without risk on garden produce, etc. Mysto Insecticide is an ideal wash for Rose Blight, Caterpillars, and all forms of Green Fly, Red Spider, and all insect pests in dealing with inse

Pints, 2/-

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1-Gallon, 5/-

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Mr. E. H. Judge, Chemist, Bourne, writes, 13/3/19: "We always supply 'Rodine' when Rat Poison is asked for, for the sufficient reason that Mr. Harley studies the interests of his agents.

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Glycerophosphates of Sodium (pure crystals and powdered), Sodium (Solution 75%), Iron,

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OFFICES: 42 CANNON STREET. LONDON, E.C.4

APRIL 19, 1919.

Advertisements for this Supplement must be received not later than First Post on Thursday Morning.

## CHEMISTS' TRANSFERS.

## Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

orice about £1,000.

3.—SOUTH KENSINGTON.—Good-class Dispensing and Retail Business; returns, present rate, between £1,500 and £2,000, at rood prices; well-fitted shop, fully stocked; price £600.

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5.—CITY (Ten Minutes from).—Ready-money Retail, with N.H.I. Dispensing; established upwards of 50 years; returns, present rate, over £2,000; net profit £450 to £500; rent £60; new ease; vendor's own property; price about £850.

6.—LONDON, N.W. (Main Road).—Good-class Business; Retail and Dispensing; net profit £600; well-appointed shop, nicely fitted and fully stocked; valuation terms would be considered, or lump um offer.

7.—HYDE PARK.—For immediate Disposal, high-class Dispens.

um offer.

7.—HYDE PARK.—For immediate Disposal, high-olass Dispensing and Retail Business: returns upwards of £1,200; gross profit letween £650 and £700; the business is known to us and we an recommend it; valuation terms.

8.—SEAPORT TOWN.—Wholesale Business, comprising Surgical instruments and Druggists' Sundries; gross receipts last year exceeded £11,000, and the average net profit for the past three

may be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—LONDON, N. (Good-class Residential Suburb).—Retail and piepensing Business; established many years; returns, present ate, over £2,000; no immediate opposition; well-appointed Pharmacy; rent £60; held on lease; price £850.

2.—LONDON, W.—Good-class Dispensing and Retail Business, tituate in main thoroughfare; corner position; returns £50 per veek, at good prices; large residence, private entrance, long lease; price about £1,000.

3.—SOUTH KENSINGTON—Good-class Dispension and Batal Business, with good optical connection; returns last year £3,400; average net profit for 3 years £1,147 yearly; commodious premises; vendor's own property; terms, valuation of stock and fixtures, plus premium for goodwill.

for goodwill.

10.—BERKS (Attractive Residential Town).—For immediate Disposal, neglected Business, situate in main shopping thorough-fare, together with the freehold premises, for the sum of £750; good opening for an energetic man.

11.—WESTERN COUNTY (Health Resort).—Good-class Business for Disposal through death; returns between £1,200 and £1,500, with scope for extension; well-fitted shop and large residence; rent £55; for an immediate sale less than the value of stock and fixtures will be accepted.

12.—WESTERN COUNTY.—For immediate Disposal, good-class Family Retail and Dispensing Business, with Photographic Branch; the concern has been established upwards of 60 years, and by yendt £541; roomy house; price about £1,000, or valuation terms would be considered.

13.—STAFFS.—Ready-money Retail, with N.H.I. Dispensing:

would be considered.

13.—STAFFS.—Ready-money Retail, with N.H.I. Dispensing; established many years; returns last year £2,456; full investigation invited; rent £30; offer wanted.

14.—WANSTEAD (Within Easy Distance of).—Ready-money Business; established many years; returns, present rate, £1,500, at good prices; rent moderate; long lease; no immediate opposition; price £500.

#### STOCKTAKING. **VALUATIONS FOR**

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit. the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

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LOUCESTERSHIRE.—Profitable Business in industrial suburb of city; returns £1,800, increasing; good Prescribing and Jounter trade; N.H.I. 2,000; rent £25; house and garden; price £400 or nearest. Apply 110/16, Office of this Paper.

RIMSBY.—For Sale by private treaty in consequence of death of Proprietor, old-established Business, together with the business premises and dwelling-house attached; the shop is well tocked and the business has been carried on by the late proprietor for 30 years past; the premises are leasehold, with over 50 years to run. For particulars apply Falkner, Son & Roberts, folicitors, Louth, Lines.

TOME COUNTIES.—A good country Business; established 100 years; owner retiring; no heavy trade; capital required 21,200; strictest investigation courted. "W." (109/36), Office of this Paper.

KENT.—Old-established Light Retail Prescribing and Dispensing Business; unopposed; returns over £1,300; nice house and garden; low rent; held on lease; satisfactory reasons for lisposal. For full particulars apply 112/14, Office of this Paper.

ONDON, E. 5.—Shop, d.f. Chemist's; completely and well fitted; established over 20 years; chance to pick up good business heap; rgnt £55. Owner, 160 Steke Newington Road, N.

YORK.—A good, all-round Retail Business for Disposal; returns £2,500; an excellent house attached; the above held by owner 20 years; giving up business; the property can be leased or bought. Parker, Chemist, Micklegate Bar, York.

CHEMIST'S Branch for Disposal, near Chester; old-established Cash business; double-fronted shop; living accommodation; low rent and rates; would suit unqualified person. Apply 112/22, Office of this Paper.

CHEMIST, with two Businesses, wishes to dispose of one; would entertain short-time partnership; returns £1,900. Apply 100/6, Office of this Paper.

TOR Sale, Business of a well-known registered Patent Medicine, which has forged ahead for over 60 years on its intrinsio merits; patronised by Royalty, and possessing Royal testimonials; 90 per cent. of the customers recommend it; fortune to be made if well advertised; ill-health sole cause of selling; no plant or machinery; distribution entirely through London Wholesale houses and few well-known Retail firms; turnover £2.000 per annum; net profits £1.100, with small employment of female labour; every investigation; hundreds of unsolicited testimonials; what offers? or would entertain partnership. [Will the firms and individuals who replied to this advertisement please note the price, £8.000 or nearest offer? Latest order received from one of the leading Retail houses £132.] Apply 64/150, Office of this Paper.

OLD-ESTABLISHED good-class Pharmacy in suburb of West of England City; present profits about £450 on small turnover; very few patents sold; no N.H.I.; especially suitable for one or two ladies as at present conducted: turnover could be doubled by anyone obsessed by turnover rather than profit; owner is retiring and would accept £700 or near offer. Apply 92/38, Office of this Paper. of this Paper.

OPLENDID bargain for £500 cash; good-class Retail and Dispensing Business, in residential neighbourhood of S.W. London; returns over £1,100, increasing; rent £60; good private house; separate entrance; bathroom, electric light; first oash offer accepted; owner retiring. Apply 111/40, Office of this Paper.

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35 Jewry Street, Fenchurch Street, E.C.3. Telephone: 1809 CENTRAL.

#### NO CHARGE TO PURCHASERS.

1.—MIDLANDS.—Sound progressive Cash Retail in growing locality; returns over £2,100; net profit £750; handsome modernfitted Pharmaoy; fine position; well stocked; modern-built premises; low rent; owner retiring; price £1,500; only cash buyers

2.—WESTERN COUNTY (Inland Health Resort).—First-class Dispensing and Light Retail for Sale through death; returns about £1,250; has done much more and can again; good residence; low rent; handsome Pharmacy, heavily stocked; price

dence; low rent; handsome Pharmacy, heavily stocked; price £350.

3.—KENT.—Genuine Herbal and Drug Stores for immediate Disposal in large fashionable town; returns £12 to £14 a week; net profit £5 to £6 weekly; low rent; long lease; small house; price £250; suit unqualified.

4.—LONDON, S.E.—Sound Cash Retail and Prescribing, with N.H.I., in working-class district; returns under Manager £2,000; net profit £600; eight-roomed house; low rent; well stocked; price for quick sale £600 cash.

5.—SOUTH LONDON (Close to City).—Brisk Cash Business for Disposal; returns nearly £40 a week; good profits; splendid corner position in busy main road; fully stocked; good modern premises; price £300, and stock at valuation.

6.—LONDON, S.W.—Good-class Retail and Dispensing Business, increasing; returns, over £1,100; net profit £330; good house; well fitted and stocked; price £500.

7.—LONDON (Western Subnrb).—Light Retail Dispensing and Photographio Business; returns over £1,350; net profit about £500; large handsomely fitted shop, fully stocked; price £300, or £100 and valuation; trial oan be had.

8.—LONDON, N.—Light Family Retail and Dispensing, with good Optical connection; returns £1,400. increasing; net profit about £400; well fitted and stocked; small house; price £750, or near offer; recommended.

9.—LONDON (Essex Suburb).—Profitable Light middle-class Cash Retail; practically unopposed; returns about £1,500; net profit £436; books properly kept; well fitted and fully stocked; price £500.

price £500.

#### BUSINESSES WANTED.

We are in immediate want of sound concerns, returning up to £3,000, in town or country, especially South Coast, Midlands, and North; cash buyers waiting. Intending vendors are cordially invited to correspond. Terms sent on application. Established 1870.

#### TENDERS,

LONDON COUNTY COUNCIL.

SUPPLY OF STORES, etc.

A PPLICATIONS are invited from persons and firms, and particularly manufacturers, to have their names placed on the lists of persons and firms from whom the Council from time to time invites tenders for the supply of

Chemicals, Drucs, and First-Aid Appliances, etc.

In those cases in which tenders are limited to manufacturers or producers, applications from agents, middlemen, or dealers will not be considered.

Applications must be made on the official form conice of which

not be considered.

Applications must be made on the official form, copies of which, together with a statement giving further information on the subject, including the standard conditions of contract, can be obtained from the Clerk of the London County Council, County Hall. Spring Gardens, S.W. 1.

Particular attention is drawn to the fact that when an application has been made to the Council by a person or firm for a place on the Council's list, and the application has been acceded to, it is not necessary for such person or firm to apply for forms of tender, as in all smitable cases forms of tender will be sent from time to time as issued.

JAMES BIRD, Clerk of the London County Council

#### TO LET.

PACTORY Site.—Exceptionally valuable river-fronted freehold Factory Site (within seven miles of London Bridge); unione position; area 50 acres with over 800 ft. river frontage; easily navigable, below bridges (no dues); approached by hard road and with railway facilities available; sewer and surface drainage, gas and electricity; in neighbourhood where labour is easily obtainable; ample housing accommodation in the district; price \$850 per acre. Green, Bank Buildings, Woodgrange Road, E. 7.

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CHEMISTS VALUERS TRANSFER AGENTS, AND EXPERT STOCKTAKERS,

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IN PRIZE.

By Order and for Account of the Marshal of the Admiralty and Prize Court.

TO BE SOLD BY PUBLIC TENDER.

#### 43 Casks (about 21½ tons gross) EDIBLE OLIVE OIL,

Ex Stromboli, lying at Newcastle-on-Tyne. TENDERS in envelopes marked TENDER No. 13, and addressed to the Admiralty Marshal, Royal Courts of Justice, London, W.C. 2, must be received not later than NOON on TUESDAY,

29TH APRIL, 1919.

SAMPLES may be seen and all further particulars obtained on application to the Selling Brokers ARTHUR BROWN & CO., 126 Bishopsgate, London, E.C. 2.

NO BOND NOW REQUIRED.

## FOR SALE.

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DRUM Mixer, two speeds, suitable for whipping up Cal Batters, about 70 lb. capacity; also Warehouse Crane raise half a ton. Apply 107/100, Office of this Paper.

 $\mathbf{F}^{\mathrm{OR}}$  Sale, Bromural Tablets (Knoll), 200 doz. tubes of 10, 29. 3d. doz.; 130 doz. ditto of 20, at 18s. doz. S. Lyn 94 Queen's Road, Bayswater, W. 2.

POR Sale, 7½ cwt. Cretæ Præcip.; 1 cwt. 1 qr. 14 lb. Cal. Phosph.; 3 qrs. 14 lb. Sod. Phosph. Crude; in ½-cwt. bag what offers? G. W. Honeyman & Co., Ltd., Somerset Chemic Works, Gateshead-on-Tyne.

FOR Sale, set of Drug Drawers and Fittings, comprising thir drawers, and locker at end; lockers under; five shelves at cornice above, 7 ft. 9 in. long, 8 ft. 6 in. high; good condition £8. Apply 112/30, Office of this Paper.

MIXER, very strong, heavy double blade, reversing gea friction pulley drive; fine order; size of mixing pan 3' long × 2' 10" wide × 3' deep. Apply 107/1, Office of the Paper.

SHOWCASES for Sale, suitable for Counter; two with to divisions, one with three divisions, one with six division divisions 18" × 30"; plate-glass sloping fronts, 21"; what offer Write The Guildford Stores, Ltd., Guildford.

WERNER & Pfielderer Mixer, double blade, suitable for hear masses, weight tilting arrangement; also Werner Sift and Friction Hoist, and a small Steam Jacketed Pan. App 107/101, Office of this Paper.

GROSS strong Greaseproof Card Boxes,  $4'' \times 2^{*}_{2}'' \times 1''$ , 15 per gross; 4 owt. fine Silica Polishing Earth, 64s. the log owt. Powdered Cayenne at 11d. per lb.; 2 tons fine Braz. Bet Meal, what offers, whole or part?  $\frac{3}{4}$  owt. Oxalic Acid, 18. 6 per lb. Dalton & Co., Belper, Derbys.

#### PREMISES WANTED.

HOUSE or Flat wanted over Chemist's shop for Travelle wife, and one child, within one hour of London or Sou Coast; would help Chemist week-ends if desired. State full ps ticulars to "Gray" (109/40), Office of this Paper.

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DUENOS AIRES, ARGENTINE REPUBLIC.—Principal, being now in London, is open to take Agency for Patent Medicine, surgical Appliance, and similar articles; long experience in the rade; highest references. Write Box 7984, Agence Havas, 105 heapside, London, E.C. 2.

TO MANUFACTURERS AND OTHERS.

TO MANUFACTURERS AND OTHERS.

A SOUTH AFRICAN born gentleman of good financial standing, and with over 50 years' business experience in South Africa, is desirous of securing Agencies for South Africa from Manufacturers or others, to be worked on commission basis.

References can be furnished from leading London and South African houses, together with Bankers' references.

Apply, giving full particulars, to W. Pope, c/o Standard Bank of South Africa, Ltd., East London, South Africa.

ORTUGAL.—Well-established firm at Lisbon with very good connection among dealers in Chemicals and Drug products sires to represent first-class houses manufacturing lnk Powders, nemical Colours, and Chemical Products generally, for all dustries; successful results guaranteed; good references. Address 1/15, Office of this Paper.

GENT, keen and energetic, desires sole Agency for good Specialities and Proprietary Articles; ground Midlands, buth and West of England, and South Wales (or part); commission buying basis. Apply 110/18, Office of this Paper.

GENTS wanted in Birmingham, Manchester, and the chief provincial centres, for the "Kenney" leg; must be able take measurements and fit. Write, The "Kenney" Limb Co., id. 45 Bedtord Row, London, W.C. 1.

GENTS already calling on Chemists wanted to introduce a Speciality; commission basis; pocket sample; state, in confince, goods already carried and ground covered. Apply 112/32, fice of this Paper.

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DURING the war the proprietors of Glaxo have extended their manufacturing resources to such an extent that with the advent of Peace they will be in a position to cater for all Colonial and Foreign merkets. Firms having their own organisations abroad, who would like to be associated with them in this world-wide extension of trade, would oblige by communicating in writing in the first instance with Export Manager, Glaxo, 155-7 Great Portland Street, London, W. 1.

HEISER, just returned from active service in France, is open to Represent Manufacturers of Chemists' and Drugsts' Sundries; his premises are extensive, and large stocks can kept. G. Heiser, 182 Kingsland Road, London, E. 2.

HE ANGLO-FRENCH DRUG CO., LTD., desire to inform the traue that they have opened a Branci. in Paris with large ck rooms. They are therefore now in the position to offer ir unique experience in introducing pritish goods and Specualisinto France, and would be pleased to receive proposals as sole Agencies. The Company would also act as buyers in anne for British and Colonial firms on a small commission basis. oposals, etc., which will be treated confidentially, to be sent the Head Office, Gamage Buildings, Holborn, London, E.C. 1.

#### TO WHOLESALE CHEMISTS.

DO YOU REQUIRE A "LIVE," UP-TO-DATE, and well-educated SALESMAN anxious

TO "MAKE GOOD"

I am 33, qualified, and have first-class references. Would arrange interview at own expense. First-class Agencies for the Yorks and Lancashire Districts would be considered. Apply "Veritas" (111/33), Office of this Paper.

WHOLESALE House in provinces, with Travellers calling regularly on Chemists and Doctors, requires an additional Agency on retainer and commission basis; propaganda work undertaken. Apply 106/39, Office of this Paper.

WHOLESALE Dealer in Chemicals wants Agency for Holland in the following articles: Sel de Soude (Soda Ash), Caustic Soda, Borax, Alum, Paraffin. Letters under E. P., 4132, c/o D.Y. Alta's Ad. Agency, Amsterdam.

#### BUSINESSES WANTED,

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid,

KENT COAST.—Wanted, small neglected Pharmacy or Branch; if desired, vendor might retain some financial interest, with purely nominal or no duties, as mutually arranged; also wanted, upper rooms above a Pharmacy, or similar business, suitable for Dental and Optical requirements. Address all communications (immediate and confidential), Macdonalds, 39 St. Philip's Avenue, Maidstone.

L ONDON.—Cash Retail and Store Business, doing about £50 weekly, and showing a net profit of about £600; no Optics or Dentistry. Full particulars to "Aspirin" (110/26), Office of this Paper.

OUTH OR WEST OF ENGLAND.—Advertiser, abstainer, desires Management of Drug Store with house attached, with view to purchase on easy terms; accustomed to Manage; good experience and first-class references. Apply 111/19, Office of this Paper.

#### GELATINE-CAPSULE MAKING.

A DVERTISER is open to negotiate for the purchase of a going concern, either machine or hand made Capsules, or would consider the purchase of surplus or idle Capsule-making Machinery. Apply "Eros" (111/29), Office of this Paper.

A DVERTISER is open to purchase a sound Retail Business in Lancashire or Yorkshire (West Riding), with a turnover of not less than £2,500 per annum; shop with living accommodation preferred. Full particulars in confidence to 110/25, Office of this Paper.

A DVERTISER, fully qualified but deaf, wants to purchase a Proprietary in demand that can be worked through the post. Apply 111/25, Office of this Paper.

BUSINESS, with not less than £500 net profit, wanted (immediately); London, suburbs, or East Anglia; strictest investigation; cash ready; all replies, which should be as full as possible in first instance, will be treated confidentially. Apply 111/23, Office of this Paper.

CHEMIST'S Business wanted; Cash and Proprietary trade pre-ferred with plenty of scope; accessible room off shop suitable for office or interviews is very desirable; state usual particulars and lowest price for cash. Apply 110/2, Office of this Paper.

G.E. RAILWAY, Main Line from London to Norwich-nection with same, with scope for increase. Give particulars of takings, expenses, and approximate price to "N.C.O." (82/6), Office of this Paper.

GOOD-CLASS country Business; South of England preferred; large agricultural and farming district; price £500 to £750. R. D. Silver, Chemist, Kettering.

PHARMACIST wishes to enter into negotiation for a good-class Light Retail and Family Business; Yorkshire preferred; would entertain management with option of purchase; must have good living accommodation. Reply, in strict confidence, to 111/17, Office of this Paper.

SOUND Business wanted, in or within 30 miles of Sheffield, showing net profit of about £400 a year; good house essential; please give full particulars as to returns, net profit, class of business, locality, and apposition, price required, êtc.; treated in strict confidence. "Genuine" (111/34), Office of this Paper.

SOUND Light Retail Business required; good turnover and living accommodatiou; cash ready. Full particulars, in confidence, to "H." (112/28), Office of this Paper.

WANTED, reliable business position and rental consideration; neglected not objected to; partnership entertained; cash £500. Apply 108/32, Office of this Paper.

WANTED, a thoroughly sound Business returning £20 to £30 per week; middle-class preferred but not essential; must be capable of increase under energetic control and bear investigation; cash waiting; interview solicited. "R. W." (110/15), Office of this Peper.

WANTED, a small Light Cash Retail Business, with house attached, in healthy locality; price about £250; please give full particulars, in confidence. Apply 112/11, Office of this Paper.

#### SITUATIONS OPEN.

3s, 6d, for 50 words or less; 6d, for every 10 words or less beyond, prepaid,

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d**.

#### RETAIL.

A SCOT, Berks.—Wented, for high-class Pharmacy, an unqualified Assistant with good Dispensing experience (lady or gentleman). Apply, with full particulars, to "T. G. S.," 1 Church Road, Bracknell.

BIRMINGHAM.—Qualified Assistant required for a business in an industrial district; would suit elderly man well if active; comfortable permanency. Apply "A." (109/28), Office of this Paper.

BLACKBURN.—Qualified Manager required for middle-class Mixed business in central position; a reliable man with sound credentials considerately treated; junior kept, and house accommodation if required. Full particulars of experience and salary required for permanency, in first letter, to "Jacobus" (112/34), Office of this Paper.

BRADFORD.—Qualified Assistant wanted as Dispenser and Senior; accustomed to high-class Dispensing and Retail; no N.H.I. Dispensing. Apply, with photo, full particulars, references, and salary required, to Harrison, Parkinson & Co., 7 Sunbridge Road, Bradford.

BRIGHTON.—Competent Junior wanted for good-class Dispensing business. State salary required and particulars to Watts & Co., 114 Church Road, Hove.

DERBY.—Cope & Taylor, Pharmaceutical Chemists, require an ton and manners essential, give particulars of experience and salary required; hours 9 to 7.

HARROGATE.—Wanted (at once), Junior Assistant (owing to one engaged giving back word) for Light Retail and Dispensing business. All particulars to save time, Leo. Benjamin, 57 Cold Bath Road, Harrogate.

HULL.—Wanted, Assistant as Junior (outdoors) in good-class Retail and Dispensing business; short hours; two kept. Apply, stating age, height solary required, and references, to Mctealfe & Son, Pharmacists, Hull.

IVERPOOL.—Qualified Assistant wanted; no Sunday duty; must be smart Counterman and quick at Dispensing. State salary required to "T. B.," 28 High Street, Wavertree, Liverpool.

LONDON, E.—Elderly qualified Assistant required for business situate in working-class neighbourhood; comfortable berth Apply "B." (109/283), Office of this Paper.

LONDON, N.—Wanted, an Assistant with good all-round experience for a middle-class Retail with N.H.I. Dispensing Apply, with full particulars of experience, names of references, when disengaged, and salary required (in or out-doors). Barnard & Son, 115a Stoke Newington Road, London, N. 16.

LONDON, N.W.—Competent Assistant for good-class Retail and Dispensing; usual particulars as to salary and experience. Apply 110/17, Office of this Paper.

L ONDON, N.W.—Qualified Junior Assistant wanted for Dispensing business; man or woman; outdoors. Apply, giving full particulars and salary required, P. Davidson, Pharmaceutical Chemist 342 High Road, Brondesbury, N.W. 6.

LONDON, N.W.-Elderly qualified Assistant required; state age experience, and salary required. Apply 109/280, Office of this Paper.

ONDON, S.W.—Counter Assistant, lady or gentleman, with good knowledge of Drugs and Studries, also Perfumery, Apply, stating experience and salary required, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

 $m L^{ONDON,~S.W.-Capable}$  lady Dispenser wanted; give experience and salary required. Apply 109/285, Office of this Paper.

L ONDON, S.W.—Qualified Manager required for good business situate amongst the artisan population; excellent opportunity for man anxious to get on; good house accommodation. "S.W. (109/281), Office of this Paper.

LONDON, W.—Junior Assistant; hours 8.30 a.m. to 7 p.m. outdoors; Dispensing and small Wholesale trade. Reply stating salary required and usual particulars, to "M." (123/55) Office of this Paper.

MANCHESTER.—Qualified Manager required for working-class business, with good scope for increase; permanent and lucrative berth; interview arranged. Particulars of age, experience, etc., to 110/250, Office of this Paper.

MANCHESTER.—Qualified, experienced Dispenser required accustomed to high-class business. Reply, with full par ticulars of previous experience, age, and salary expected, to 122/71, Office of this Paper.

MANCHESTER.—Qualified Manager wanted for working-class business. Apply, with full particulars and salary required 109/284, Office of this Paper.

MANCHESTER.—Manager (qualified) required as soon as possible for branch; good-class oash Retail, very small N.H.I Apply, giving full particulars as to age, experience, salary expected, etc., to W. F. Cuttiford, Pharmacist, 249 Bolton Road Pendleton.

MANCHESTER.—Unqualified Assistant or capable Junior for good-class Light Retail and Dispensing business. Apply with full particulars, to J. S. Breese, Pharmaceutical Chemist Rusholme.

NEAR MANCHESTER.—Wanted, qualified Assistant; either sex Counter experience necessary. State age, experience, and salary required, 112/20, Office of this Paper.

NEAR MANCHESTER.—Qualified Assistant to take charge of branch; must be a good Salesman and Manager. Please state age, height, details of experience, and salary required 112/200, Office of this Paper.

NEAR MANCHESTER.—Lady Assistant required for Retail and Dispensing business; previous Counter experience absolutely necessary. Address. stating age, experience, salary, etc., to 112/201, Office of this Paper.

NIEAR MANCHESTER.—Qualified Manager; brisk Counter trade, with N.H.I.; comfortable berth; permanency. Full particulars, experience, salary, references, 111/31, Office of this Paper.

O XFORD.—Wanted, a qualified lady Assistant for a high-class Retail and Dispensing business. Please state age, experience and salary required (outdoors), to Cousins, Thomas & Sons Chemists, 63 Banbury Road, Oxford.

SOUTH DEVON COAST.—Qualified Assistant (outdoors); unmarried preferred; good Counterman; experienced in Photography essential; capable of taking charge of branch. Apply, stating salary required and references, to 112/5, Office of this Paper.

SUNDERLAND.—Wanted, a qualified Assistant; N.H.I. work State age, references, and wages, J. G. Harrison, Pharmacist, 91 Hylton Road, Millfield, Sunderland.

WEYBRIDGE.—An Assistant (unqualified) required for highclass Dispensing business; send full particulars as to age, experience, references, and salary required. E. T. Neathercoat, Pharmaceutical Chemist, Weybridge, Surrey.

A SSISTANT, lady or gentleman, wanted for quick Cash Retail business, with knowledge of Dispensing preferred; send full particulars, with photo if possible. Chas. Thompson & Sons, Chemists, 159 Stratford Road, Birmingham.

DISPENSER, Minor qualification, Compounding of Pills not required; hours of work approximately 8.45 a.m. to 5.15 p.m., Saturdays 1 p.m. Apply personally or by letter, stating experience and salary required, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

DISPENSER or lady Dispenser wanted (at once); state experience and salary required; to live out. Apply 110/12, Omice of this Pape.

EVENINGS, 6 to 8 p.m.; qualified man for N.H.I. and help on Counter if required; elderly man would do; N.W. London. Apply, stating usual particulars and salary required, 111/2, Office of this Paper.

GOOD unqualified Assistant for London, S.W.; capable of taking charge; must have had good-class experience and be a good Window-dresser. "H.," 17 Landseer Road, Hove.

JUNIOR or Improver required for middle-class Chemist's; indoors or outdoors; state experience, age, height, and enclose photo if possible (to be returned); good Dispensing, etc., experience guaranteed. Savage & Co., Pharmaceutical Chemists, Brighton.

JUNIOR Assistant wanted for Counter and some Dispensing. Bates, Brooks's Bar, Manchester.

JUNIOR Assistant wanted; time off during day if required for study; outdoors; near schools. Send particulars to Watson, 100 Mitcham Road, Tooting, S.W.

LADY Pharmacist for Pharmacy in country town near Dukeries; comfortable compact shop; short hours; good salary to suitable woman. Usual particulars to E. J. Latham, M.P.S., Shirebrook, near Mansfield

LOCUM; qualified; about mid-June to mid-July for one month; state salary, references, etc. Gaze, Chemist, 10 The Avenue, Highams Park, E. 4.

MANAGER wanted early in May for branch in small seaside vinage; must have good Dispensing experience and be used to Photographic trade; salary, house, rent, and taxes free, and 25 per cent. of net profits. Kirkman, New Milton, Hants.

PART-TIME, qualified Assistant, gentleman or lady, required for evenings, about 5.30 to 8.30, excepting Thursdays and Sundays, Apply, by letter, to W. M. Bell & Co., Chemists, 2 Malvern Road, West Kilburn.

QUALIFIED single young man required; one who has had good experience and is anxious to make progress; Midland district; excellent opening. Apply "H. L." (109/282), Office of this Paper.

QUALIFIED Assistant (lady or gentleman) for Counter and N.H.I.; working-class district; hours 9 a.m. to 7.30, Thursdays 1, no Sunday duty. State salary and full particulars to Horn, Chemist, Goldthorpe, near Rotherham.

QUALIFIED Branch Manager; prepared to accept reasonable satary, plus good commission on profits, thus deriving benefit of energy and successful management; good-class business; modern house. State full particulars, experience, age, salary, photo, references, married, etc., 111/9, Office of this Paper.

QUALIFIED Manager; middle-aged or active elderly; goodclass Dispensing—and Light Retail; healthy Manchester suburb; permanent, comfortable berth. Send usual particulars to "Pharmacist," 54 North Road, Clayton, Manchester.

QUALIFIED Assistant wanted (at once); easy hours, no Sunday or evening duty; elderly preferred; work not arusous but qualification necessary; permanency; country town, Devonshire. State terms and salary in first letter to Haynes, Chemist, Honiton.

QUALIFIED Assistant (outdoors) for Mixed country business in small Midland town; easy hours, no Sunday or night duty, half-day weekly, extra time off could be arranged if desired; permanency. Apply with full particulars, references, and salary required, 111/36, Office of this Paper.

THE services of a qualified Dispenser (male or female) are required at the Hospital for Men, 91 Dean Street, Soho, every Thursday from 5.30 p.m. to 7 p.m. Please send particulars of qualification, for required, and copy of an up-to-date testimonial to the Secretary at the above address.

UNIQUE.—Near Bloomsbury Square; excellent prospects and good salary for brains, effort, and industry; ago about 35; must be qualified, and understand thoroughly the business side of Pharmacy, buying, selling, storing, supervision, also the meaning of profit and loss; medium height, gentlemanly, and actful Salesman. Full particulars of last ten years' experience some London), salary required, etc.; best references only acceptable; photo if possible. "Sackville" (112/18), Office of this Paper.

UNQUALIFIED Assistant or Junior required for quick Retail and N.H.I. Dispensing; outdoors. State full particulars and alery required to I. Patterson, 52 Ilford Lane, Ilford.

Wanted (immediately), smart qualified Assistant, with knowledge of Photography and good Salesman. Roach, hemist, St. Ives, Cornwall.

WANTED, Chemist's Assistant to take charge of a lock-up shop; preferred with view to buying the business. "Cymro," to Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liver-ool.

WANTED, qualified Manager, about 30, with view to early partnership in flourishing high-class Dispensing business; exceptional opening for experienced man of good parts and £1,000 capital. Applicants kindly state all particulars in strict confidence in first letter to "Keport" (108/17), Office of this Paper.

WANTED, Manager for good-class Retail and Dispensing business; smart Counterman, knowledge of Photography. Apply, giving details of experience, age, height, and salary required, and when disengaged, to D. T. Evans, Chemist, Margate.

WANTED (immediately), indoor Assistant; comfortable home; work easy; in small town in Wiltshire; hours 9 to 8, half-day off Thursdays, little or no Sunday duty. Please state age, salary required, and enclose testimonials, to Milne, Chemist, Amesbury.

WANTED, qualified Assistant for West-End Pharmacy; good prospects. Apply personally the Manager, Heppells, 35 Haymarket.

WANTED, capable Assistant for Dispensing business; able to take charge. Full particulars in application of age, experience, and salary required to Thomas Bros., Bath Road, Cheltenham.

 $W^{\rm ANTED}$ , Junior Assistant, unqualified, outdoors, for five or six months; £2 10s. weekly. Felton, Pharmacist, 253-5 Balls Pond Road, N. 1.

WANTED (at once), a smart qualified Assistant, capable of Management. Also two reliable Assistants, 25 to 35, for Dispensing and quick Counter trade. Hours 8 to 8; Wednesdays at 1 o'clock; no Sunday duty; state age, height, salary required (outdoors), experience. W. H. Dixon & Sons, Ltd., East Grinstead.

WANTED, Manager for Chemist and Drug Department (qualified); turnover £100 weekly; N.H.I. Dispensing; one lady Assistant and boy kept. Apply without delay, stating salary, etc., to Co-operative Society, Ltd., Long Eaton, near Nottingham.

YORK EQUITABLE INDUSTRIAL SOCIETY, LTD.

DRUG AND DISPENSING DEPARTMENT.

WANTED, experienced ASSISTANT. Applications, stating age, wage, and experience, addressed 22 Railway Street, to be received not later than THURSDAY a.m., APRIL 24th.

#### WHOLESALE.

3s. 6d, for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d**.

LONDON and South Coast.—Competent Representative required with connection on this territory to represent a well-known nrm manufacturing Chemists' Sundries and Toilet Specialities. Apply 122/9, Office of this Paper.

MANCHESTER house requires smart Drug Invoice Clerk with experience. Apply, giving full particulars as to salary, etc., to 123/35, Office of this Paper.

A MANUFACTURING Chemist, converting business into a limited company, has a vacancy for a smart gentleman for production; a capable man, willing to take a real live interest, will be permitted to acquire a holding and a seat upon the directorate. Replies with fullest particulars (in confidence) to "Midlands" (121/22), Office of this Paper.

CHEMIST (Managing) wanted, having an expert knowledge of Dietetics and Table Deheacy Packet trade; able to control raw materials and standardise products; state age and experience in confidence and salary desired. Box 50, Osborne-Peacock Co., Ltd., Advertising Agents, Gordon Street, Glasgow.

CHIEF Clerk.—Important post to be filled in London Export Druggists'; age 30 to 35; must have first-class experience in invoicing and toreign correspondence (English), in managing a staff of eight or ten juniors, in controlling shipping and clearance departments, also cashier's department, and generally exercising responsibilities of Chief Clerk; liberal terms to well-qualified man. Apply 123/260. Office of this Paper.

INVOICE Department.—Experienced men required to take complete charge of large staff; state age, experience, salary required. Apply 122/39, Office of this Paper.

JOHN RICHARDSON & Co., Ltd., Leicester, require a Representative for the North of England and South of Scotland; applicants must have had experience in taking Drug orders from Medical men, Veterinary Surgeons, and Chemists; send particulars of age, experience, state salary and expenses expected (no commission), and give references.

LABORATORY hand required; one used to manufacture Galenicals; good prospects. State full experience and wages required, 117/11, Office of this Paper.

LABORATORY Assistant required by London Wholesale House; used to the Manufacture of Galenicals; state experience, age, and wages required. Apply 110/31, Office of this Paper.

REL'RESENTATIVE wanted, capable, energetic, for London and district; Proprietary lines, repeat well; salary, allowance for expenses, and commission. Apply, stating full particulars, salary required, 107/26, Othce of this Paper.

REPRESENTATIVE wanted for Nottingham, Leicester, Lincoln, and Northampton, with established connection amongst Chemists and Drug stores; every encouragement given to reliable man; full particulars as to age and experience. Apply 109/340, Omce of this Paper.

REPRESENTATIVE wanted to call on Chemists; good connection essential; South Coast district. Write "A. C. B.," Anderson's Advertising Agency, 14 King William Street, Strand, W.C.

REPRESENTATIVE wanted for Durham and Northumberland calling on Chemists and Drug Stores; must have Drug-trade experience and connection; good prospects for man who will work conscientiously; give full particulars as to age, experience, and length of time ground worked. Apply 109/34, Office of this Paper.

SENIOR Dispenser; qualified; age about 35; able to control staff; experience of Wine Analysis and similar work an advantage; permanency; hours 9 to 6.30, Saturdays 1.50, no Sundays or Bank Holiday duty. Apply, stating salary required and experience, to 119/30, Office of this Faper.

TOILET Preparations.—Thoroughly experienced man for Laboratory; accustomed to the making up of Tonet preparations. Apply personally, or by letter, to Staff Manager, Harrods, Ltd., 44 Hans Crescent, S.W.

TOILET Preparations.—Traveller required for London to sell Toilet Preparations and Hairdressers' Sundries; good prospects for smart man. Write, giving experience, if any, age, and remuneration expected, to Box "J. K. L.," c/o Davies & Co., Finch Lane, E.C. 3.

WANTED, experienced Tablet Machinist. Apply W. B. Cartwright, Ltd., Tablet Makers, Rawdon, near Leeds.

WELL-KNOWN provincial house requires Representative for parts of Yorkshire, Lancashire, and North Wales; well-established connection. Apply to 123/350, Office of this Paper.

#### SITUATIONS OPEN.

2s, 6d, for 50 words or less; 6d, for every 10 words or less beyond, p. epaid.

#### (Colonial, Indian and Foreign.)

PEDERATED MALAY STATES.—Qualified Assistant wonted, 25 to 30, unmarried, with good experience; passage paid out and home; healthy climate and beautiful surroundings; three years' agreement; £550 to £400 and £450 per annum; good prospects. Apply 123/26, Office of this Paper.

HONG KONG.—Wanted, qualified male Assistant for Retail business in Hong Kong; easy hours and no night duty; four years' agreement; salary first year \$275.00 per month, second year \$300.00 per month, third year \$525.00 per month, fourth year \$350.00 per month; passage paid out and home. Apply, in writing to Messrs. Durant. Radford & Co., Ltd., Biliter Buildings, Billiter Street, E.C. 3.

JAPAN.—Two qualified Assistants required for first-class Pharmacy in Yokohama; four years' agreement; salary £20 per month first year, increasing to £30; free furnished quarters with lighting and heating; passage paid out and home. Apply, with copies of testimonials and photograph, to M. H., Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

A Grande Pharmacie, 5, Place du Maréchal Foch, Liege, Belgique, demande un Assistant de 25 à 30 ans, au courant de la pharmacie anglaise et desirant se perfectionner en français. Ecrire en anglais au besoin avec references et prétensions.

SINGAPORE.—Wanted (immediately), qualified Assistant; young, single, and sound; passage paid out and home; three years' engagement; monthly salary of \$275, \$300, and \$325 respectively (dollar equals 2s. 4d.); knowledge of Optics preferred, but not essential. Full particulars from J. W. Downie, 187 Gairbraid Street, Glasgow.

CINGAPORE, Straits Settlements.—Wanted, qualified Assistant; single; three years' agreement; passage paid; healthy climate; salary first year £35 per month, second year £37 10s., third year £40; knowledge of Optics desirable though not essential. Apply to Marshall K. Watt, 28 Esslemont Avenue, Aberdeen.

#### SITUATIONS WANTED.

1s, for 12 words or less; 6d. for every 10 words or less beyond, prepsid,

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

#### [HOME.]

#### RETAIL.

A GOOD Dispenser and energetic, all-round Assistant; unqualified; well recommended; tall; abstainer; Bristol preferred; disengaged. "Dispenser," 2 Melrose Place, Clifton, Bristol.

A N Assistant, 25 (recently demobilised), who has good Dispensing, Counter, and Photographic experience, and is capable of taking charge, desires part-time or Locum engagement for a few months; disengaged; please state full particulars and terms. Apply "Associate," 186 Vauxhall Bridge Road, Westminster, S.W. 1.

A PPRENTICE, demobilised, 21 years of age, desires position in Retail Pharmaoy where he can complete his training at a living wage; already had 18 months' experience with good firm before joining up. Address E. Bailey, 68 High Street, Newport-Pagnell.

A PPRENTICESHIP wanted by lady; Pharmaceutical Student; 10 months in business. Apply 110/9 of this Paper.

As Assistant, or would act Looum; qualified; 25; well up; experienced; good references; London and suburban experiences. Stewart, "Arundel Villa," Aldwick Road, Bognor.

As Manager, qualified, 43, experienced, good Salesman and Buyer, open to engagement (immediately); Locum or otherwise. Address Chemist, 13 Ashburton Road, N.S. Blackpool.

A SSISTANT, unqualified, seeks engagement; North or Central Manohester district; tall, nearly 19; recently demobilised; apprenticeship and previous experience in good-class Pharmaoies. Apply 110/4, Office of this Paper.

A SSISTANT, 22, unqualified, at liberty shortly, desires Locum or permanency; Preston, Bolton, or Bury; must be comfortable berth. Write "Student" (109/31), Office of this Paper.

A SSISTANT (Hall); Dispensing and Counter; excellent references; seaside preferred; disengaged. Apply 102/1, Office of this Paper.

A SSISTANT; demobilised; unqualified; 22; disengaged May 5th; London district; French spoken. Full particulars, including hours and salary, "F. P.," 4 Florian Road, Putney.

A SSISTANT; unqualified; abstainer; four years' experience; 23; disengaged; please state salary and hours, etc. Apply Williams, 21 Gwendraeth Town, Kidwelly.

A SSISTANT Manager or Looum; qualified; experienced London, country, Continent; fluent French; Photographics, good Counterman; age 38. Burrell, 39 Falmouth Road, London, S.E.

A SSISTANT; unqualified; 31; 5 ft. 8 in.; 16 years' experience, London and provinces; demobilised; excellent references. Kinghorn, 24 Meadow Road, Cromer.

A SSISTANT, unqualified, experienced quick Counter trade, Dispensing, requires situation May to September; Lake distruct or seaside preferred; tall, good appearance, smart, and neat. State salary offered, 112/4, Office of this Paper.

A SSISTANT, married, demobilised, 37, desires permanent berth, Light Dispensing business; good all-round experience; excellent references; unqualified. State particulars and salary offered, 112/2, Office of this Paper.

A SSISTANT; unqualified; 24; first-class Dispensing and general experience; willing, obliging; good references. H. Price, 9 Whetley Lane. Bradford, Yorks.

A SSISTANT, 30. unqualified, smert, desires permanency; disengaged. Please state particulars, "Worcestershire" (111/320), Office of this raper.

CAPABLE, reliable Assistant; 31, tall, good address, single; unqualified; Dispensing, Counter, Books; capable of taking charge; best references; demobilised after 18 months; 84s. to 90s. weekly. Please state dutics, hours, salary, 112/7, Office of this Paper.

CHEMIST, who has disposed of his business, is open to accept Locum engagement; disengaged May 12th. "Locum" (111/22), Office of this Paper.

CHEMIST'S Assistant; 30; West-End experience; unqualified; recently disengaged; Locum or permanency. Write to Mr. M. G. Birch, 16 Melrose Gardens, Hammersmith, W. 6.

CLERICAL Work of any kind; evenings or daytime; terms moderate. Write "F. G." (100/38), Office of this Paper.

COUNTRY.—Young, capable, qualified Pharmacist, at liberty in a month or so, requires situation as Assistant or Branch Manager; at present in charge of branch in busy town in Lancs; good agricultural training and West-End London experience; adequate salary required. "Thymol" (109/32), Office of this Paper.

DENTAL Chemist, unqualified, age 28, height 5 ft. 10 in., good education, married, as Assistant or Manager, Drug Stores; good all-round Dispensing, Counter, and Dental Operator, Local Amesthetics, Fillings, Artificial Teeth, etc.; kindly state salary offered. 314 Dereham Road, Norwich.

DISENGAGED; Assistant; 30; smart Dispenser, Counterman, Window-dresser; excellent references. Apply "Rytol" (110/35), Office of this Paper.

DISPENSER; unqualified; disengaged; good experience and references; Southern Counties preferred. Apply 109/35, Office of this Paper.

DISPENSER, Bookkeeper, etc.; 27 years' experience; age 44; disengaged April 23rd; permanency required; would do Locum; married. Strutt, 2 London Road, Hailsham.

EDINBURGH.—Unqualified Assistant; 20; 4½ years' experience in first-class Pharmacy. Apply, stating "salary and hours, 110/11, Office of this Paper.

N NEWCASTLE.—Qualified, excellent references, experienced, seeks post where little time could be had for study; interview at advertiser's expense. Apply 110/28, Office of this Paper.

JUNIOR Assistant; unqualified; Counter work; country preferred; state salary given. S. Hendry, c/o W. Chapman, Chemist, Wells, Norfolk.

JUNIOR Assistant, age 25, tall and smart, recently demobilised, requires outdoor berth in West London district. Rogerson, 27 Stanley Road, Hounslow.

JUNIOR, 24, speaks French, seeks situation in London where two others or more kept. Particulars to "X. Y. Z.," 8 New Broad Street, E.C. 2.

LADY Dispenser (Hall) desires post, Institute or Doctor, in London; experience in Military Hospitals England and France. Apply 104/7, Office of this Paper.

LADY Dispenser, unqualified, desires post with Doctor or Institution; five years' good experience; also accustomed to Dressings and Bookkeeping; Doctor preferred. Apply "Amylum" (108/19), Office of this Paper.

LADY Dispenser (Hall); Doctor or Institution; Books, Dressings.
Apply 111/26, Office of this Paper.

LADY Dispenser (23), Hall, desires post with Doctor, not more than 60 miles from London; Bookkeeping; careful Dispenser and experienced. Apply 112/33, Office of this Paper.

LOCUM; 56; qualified; experienced; abstainer; £4 4s. (indoors), £6 6s. (outdoors) weekly and return fare. Ohemist, 4 Blenheim Road, Lingfield.

LOCUM, inequalified, 25, highest references, capable and experienced, accustomed to good-class business, is now open for engagements. Apply "Locum," 1 Woollaston Villas, Crofton Park, London, S.E. 4.

LOCUM, qualified, for immediate engagement. Gregory, 18 Brook View Road, Streatham Park.

LOCUM Tenens; disengaged May 3; experienced. "L. T.,"

LOCUM; over 30 years' wide experience Pharmaceutical and Hospital; few wacant dates from middle May; qualified.

Present address, M. Smith, 56 Woodgrenge Road, Forest Gate, E. 7.

LOCUM Tenens; disengaged; qualified; town or country. "W. B. B.," 61 Hornsey Lane, N. 6.

LOCUM, efficient Pharmacist, desires dates until July 31st: abstainer; well recommended: town, country, and agricultural experience; Photography, Optics. Cæsar, 12 Bridgenorth Road, Broseley, Shropshire.

Leeds. Leeds.

L ONDON.—Wanted, part-time for competent Junior Assistant (Student); height 5 ft. 10 in., age 20, gentlemanly. Apply 108/26, Office of this Paper.

MANAGER, qualified, 33. married, fluent French and Italian, four years' Colonial Managership, seeks permanency; home or abroad; disengaged June. Apply 93/70, Office of this Paper.

MANAGER, qualified, married, first-class experience. Photography, requires permanent post; disengaged. Franklin, 132 Sunningfield Road, Hendon, N.W. 4.

MANAGER or Assistant (28) desires permanency; experienced; excellent references; unregistered; Lancashire or Cheshire preferred. Please state salary, hours, etc., 112/19, Office of this Paper.

MINOR Student (Apothecaries' Hall) requires work in Portsmouth; chemical works preferably. "M.," South Lodge,

PART-TIME; qualified; lady; Retail or Wholesale, Clerical or Manufacturing; excellent experience and references. Apply 105/17, Office of this Paper.

PERMANENCY, temporary, or Locum; unqualified; first-class experience. Harries, 32 Trigon Road, S.W. 8.

QUALIFIED, 29, wishes situation; branch with house preferred. Apply 105/16, Office of this Paper.

QUALIFIED Manager of large business wants similar position where interest could be acquired; braoing southern seaside preferred Apply 110/24, Office of this Paper.

QUALIFIED Chemist seeks situation as Manager with view to purchase. Apply 110/13, Office of this Paper.

QUALIFIED, experienced Manager, Dispenser, or Locum; Liverpool district., 22 Brampton Road, Liverpool.

QUALIFIED, setat 26; Management, with a view to Partnership or succession; undeniable references. "Pharmaoist," 42 Richmond Road, Kingston-on-Thames.

QUALIFIED; wide experience Wholesale and Retail; excellent testimonials; used to very heavy trade; outdoors or otherwise; state salary; no N.H.I.; disengaged when suited. "Buyer" (111/70), Office of this Paper.

QUALIFIED (31) as Locum or Manager; free. F. Williams, 10 Richmond Road, Shepherds Bush, W.

UNQUALIFIED seeks permanency in Retail; just demobilised; married, age 26; six years experience; state wages. T. Windsor, 7 Woodland Grove, Yeovil.

UNQUALIFIED; 27, married; Leeds or Bradford. Nicholls, 112 Årgyle Street South, Birkenhead.

UNQUALIFIED Assistant (demobilised) seeks situation; 7 years' experience Retail and Dispensing, 4 as Apprentice; Liverpool district preferred. Apply Chapman, Bookseller, Chester.

WANTED, by Pharmacist, demobilised end of April, position as Senior Assistant or Manager in country market business with a view to taking over business after a few months; within 100 miles of London. "M. C." (107/7), Office of this Paper.

£4 WEEKLY; thoroughly experienced as Manager; reliable; good credentials, tactful, and good Salesman. Apply 108/320, Office of this Paper.

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1s. for 12 words or less; 6d. for every 10 words or less Beyond prepaid.

CHEMICAL ENGINEER AND DOCTOR OF CHEMICAL SCIENCE,

having directed for 18 years the Research Laboratory in one of the most important German Chemical Works producing Aniline Colours, desires to find a similar situation in England or in America. All communications to be addressed to

MONSIEUR MAURICE TRAMASURE, 22 Avenue de la Chevalerie, Bruxelles, Belgium.

COMPETENT man requires situation; Wet or Dry Counter. Apply 110/32, Office of this Paper.

DEMOBILISED requires position of trust; Laboratory, Toilet. or Sundries; London or South. Apply 112/6, Office of Paper.

GENTLEMAN desires change from Retail to Wholesale; 12 years' high-class experience; married, 30; progressive and responsible position required. "Rhei," Ivories House, Horley, Surrey.

LADY Chemist requires responsible position in Wholesale house; any capacity, Clerical or Manufacturing; long and excellent experience; tactful, good organiser. Apply 105/170, Office of this Paper.

M.P.S., 600D Salesman, smart appearance and address, desires position as Representative to a Drug or Sundry house: commission and expenses allowed. "Pharmacist" (111/220), Office of this Paper.

MANAGEMENT; disengaged shortly; qualified; 4½ years present berth: Oils, Technical Chemicals, etc.; live man; excellent record; Midlands preferred; in or ont. State salary, "Heavies" (111/700), Office of this Paper.

PHARMACIST 32), at present in charge of town Order and Retail department of Wholesale Druggists and Drysalters, desires change; no objection to outdoors; salary £350, or equiva-lent; Lancs or Midlands. "Holdfast" (111/7), Office of this Paper.

SMART young man, Wholesale, Retail, and general commercial experience, desires post in Wholesale; open for immediate engagement. Apply "Midlands" (111/32), Office of this Paper.

WHOLESALE Assistant Manager, Wholesale and Manufacturing house (turnover 1 million pounds), eeeks similar berth; practical experience and accurate methods Buying, Costing (purohased and manufactured goods). Stockkeeping, Quotation, and Advertising work; home and Indian experience; present salary £500; free September. Apply 80/40, Office of this Paper.

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(Colonial, Indian and Foreign.)

ENGLISH Chemist speaking French fluently seeks responsible permanent position in France; 10 years' Continental and Colonial experience. Write "Nice" (93/7), Office of this Paper.

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CHEMIST'S Fittings for Sale, comprising two Wall Fittings, each about 30 ft. long by 8 ft. high, with showcases, mirror, poison cupboards, and about 100 drawers; also two Dispensary Soreens, 7 ft. by 6 ft., with two plate-glass showcases and centre mirror one having sponge case with marble top; also large Showcase fitting, 9 ft. long and 8 ft. high, upper part being all plate-glass case, with mirror back and glass shelves, under part all showcase with wood back and shelves; all in polished mahogany, in first-class condition; can be seen by appointment. Apply F Peck. Contractor, Boston. Lincs.

S ECOND-HAND CHEMISTS' FITTINGS.—We have an exception ally fine selection of these in all sizes, prices are right and ally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

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- FLUGEL A Machine, with syphon-filler; had six months' use only; complete except syphons and gas cylinder. Offers to "Chemist," Ixworth, Suffolk.

#### WANTED.

CASH Till, self-adder. Spicer, Chemist, Dorchester. WANTED, 3 or 4 Leeches. Wallace, Chemist, 9 High Street, Beckenham, Kent.

DARTRING Lanoline Shaving Soap; 1s. 3d. each offered. Mason, 38 High Street, Huntingdon.

LARGE Hunyadi Water; Himrod's Asthma Cure. Prices and

quantities to Buswell, Lutterworth.

FLAT Bottles, 2 oz. to 6 oz.; any quantity for spot cash. Particulars to Stokes, Chemist, Bristol. GARDNER'S Rapid Sifter and Mixer; power; state capacity;

good condition. Apply 105/28, Office of this Paper.

DRAWERS for under Counter, 6 ft. to 7 ft. 6 in. long; also Counter, about same length. Particulars to Millar, Chemist, Ashton-under-Lyne.

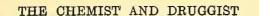
FORMULA wanted for modern Blue-Black Writing Ink on manufacturing scale, with guarantee to produce required results. "Tanco," c/o 92 Northgate Street, Ohester.

IN good condition. high-power Mioroscope, Refractometer, also Polariscope. Apply 118/4, Office of this Paper.

TABLET-COUNTING Machine wanted by Manufacturing Chemists. Address "M. L.," Ltd., 144 Albany Street. London, N.W.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

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## Herbert N. Casson

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